

Claus Marin

# OLYMPUS



THE CLASSIC 35mm CAMERAS

From 1948 to 1980

PICTURES, FACTS AND INFORMATIONS FOR COLLECTORS  
AND ALL WITH INTEREST



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**Olympus** *THE CLASSIC 35mm CAMERAS From 1948 to 1980 / Claus Marin; 2002*

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## Foreword

### **All starts with a camera I did not buy!**

Since long time I was a collector of mechanical, japanese viewfinder cameras and so, again hunting for new once, a black Olympus PEN FT was offered to me in a second hand shop in cologne. At that moment I was not familiar with a FT and a simple looking cammera without lens was not, what I was looking for. In addition, I got two other cameras short befor and so there was no more cash left.

But, when I was back home and take a look in the cataloges, I found out, what I nice camera I have left behind me. A spontanous phonecall to the shop showed, that an other collector, more clever, had allready bought the black FT. I was highly frustrated and tried to get one in other collectors shops. I was surprised to find out, that this cameras was very expensive and hard to get.

From that moment my collector enthusiasm for the classic **Olympus Viewfinders, PENs** and the **Single Reflex Cameras PEN F, FT and FV** was born.

Today I am looking to my collection with high pleasure and hardly trie to find the last missing pieces.

I will be very glad if this book brings a little of my enthusiasm to other collectors and helps to develope the love and knowledge for the

## **Classical 35 mm Cameras from Olympus**

I hope, this book in the hands of old lovers and new friends of the famous Olympus cameras will be a helpful source of facts and informations and will help to answer appeared questiones.

I am very sure, that this book can not require completeness and certainly there are some mistakes included. Therefore I am open and thankful for any kind of critique, advices and addendums.

Dezember 2001

**Claus Marin**

For Käki

She tolerats my hobby  
with great understanding, patience  
and love

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**Olympus**

***THE CLASSIC 35mm CAMERAS***

**First Chapter**

The 35 mm  
**Viewfinders**



# Olympus THE CLASSIC 35mm CAMERAS from 1948 to 1980

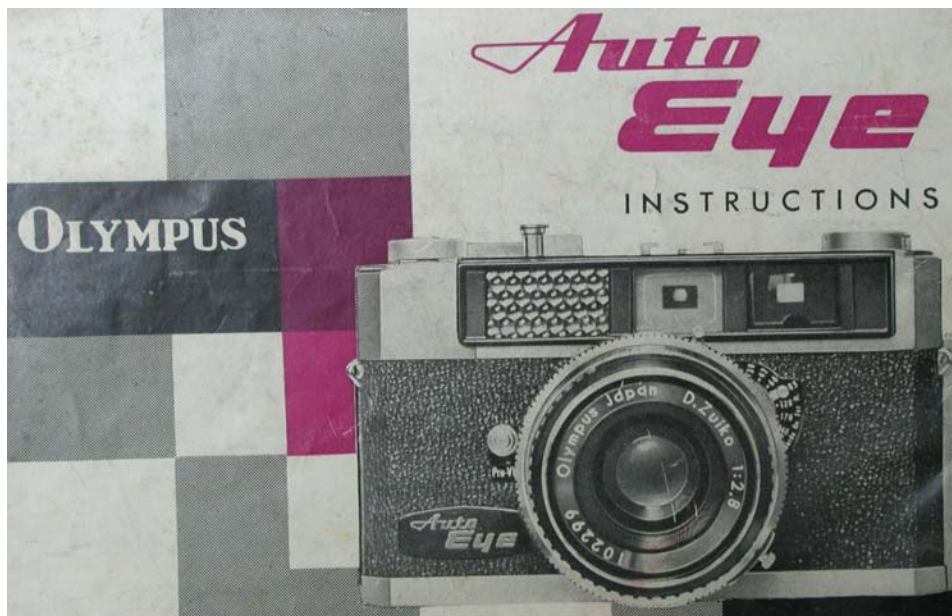
## Olympus Kogaku, Japan

On October 12th 1919 **Olympus** was founded as **Takachiho Seisakusho Co.** to develop and trade the first Japanese Microscopes.

The microscope which came on the market in **1920** was the origin for the enormous success. Even to this day Olympus is one of the leading companies in scientific and medical appliances. The first developed Olympus camera appeared in **1936** and was called **Semi-Olympus**, a folding camera. As of **1942** the company changed their name to **Takachiho Kogaku Kogyo Co., LTD.**, which due to the success of the Olympus cameras in **1949**, once again, was changed to **Olympus Optical Co., LTD.**

Since the founding of Olympus they have secured a huge piece of the World market through their potential for producing innovating products. In particular we must emphasize the immense role Olympus played in the ever increasing technology of **camera development**. This book shows in chronological order, the development of the **35mm viewfinder cameras**, which started in **1948** with the **Olympus 35 I**. Also the Half-frame cameras of the **PEN** series and the **PEN reflex models F, FT and FV** will be presented.

The purpose of this book is to awaken and support the interest for collecting these **valuable vintage cameras**.



Pic. 1 Olympus Publication



Pic. 2 Olympus 35 I

## Olympus 35 I (1948 - 1949)

**1948** Olympus brought the first 35mm Viewfinder camera on the market, called

### Olympus 35 I

It was based on the prototype constructed by

### Eiichi Sakurai San

The camera with the format **24 x 32 mm** had a **Seikosha-Rapid** shutter. The coupling of the camera body and shutter was externally placed and covered with a small housing on the front. The lens was a **Zuiko 1:3,5** with a focal distance of **40 mm**. The particular feature of the **35 I** are the mounted house, the curved slit with protruding pin and the flat accessory shoe formed out of tin plate.

### Specifications Typ: Olympus 35 I

Engraving:	<b>Olympus 35 and serial number</b>
Released date:	<b>May 1948</b>
Body color:	<b>chrome</b>
Leather:	<b>black</b>
Shutter:	<b>Seikosha-Rapid</b>
Shutter-Speeds:	<b>B-1 to 1/500 second</b>
Finder:	<b>telescopic</b>
Film-Advance:	<b>advance-knob</b>
Light meter:	<b>none</b>
Lens:	<b>Zuiko Coated 1:3,5 f = 40 mm</b>
Elements:	<b>4</b>
Groups:	<b>3</b>
Price at release:	<b>not known</b>



Pic. 3 Olympus 35 III

## Olympus 35 III (1949 - 1950)

**1949** follows, after the **Olympus 35 II** was only constructed as prototype, the first 24 x 36 mm camera from Olympus, the

### Olympus 35 III

This camera also had the external coupling from body and shutter. The accessory shoe was now solidly formed and camera bottom could be opened by rotating a round button from position S (shut) to O (open).

As by the **35 I**, the **Seikosha-Rapid** Shutter and **Zuiko 1:3,5 f = 40 mm** lens was used.



Pic. 4 Olympus 35 III Top

## Olympus 35 III

### Specification Type: Olympus 35 III

Engraving:	<b>Olympus 35 and serial number</b>
Release date:	<b>1949</b>
Body color:	<b>chrome</b>
Leather color:	<b>black</b>
Shutter:	<b>Seikosha - Rapid</b>
Shutter-speeds:	<b>B-1 to 1/500 second</b>
Finder:	<b>telescopic</b>
Film advance:	<b>advance knob</b>
Light meter:	<b>none</b>
Lens :	<b>Zuiko Coated 1:3,5 f = 40 mm</b>
Elements:	<b>4</b>
Groups:	<b>3</b>
Price at release:	<b>10.600 Yen</b>



Pic. 5 Olympus 35 III bottom



Pic. 6 Lether everready case 35 I





Pic. 7 Olympus 35 IV

## Olympus 35 IV (1949 - 1953)

**1949** appeared the new revised **Olympus 35 IV**.

The camera now had a internal coupling and was supplied with a **Copal Shutter**. The missing coupling housing and the synchronized flash plug are the striking features. On the top, in front of the accessory shoe, is the camera number and the name **Olympus 35** engraved. Look at the camera of the front, you will see on the right, **MADE IN OCCUPIED JAPAN** pressed into the leather.

The lens is a **ZUIKO 3,5/ 4 cm** with the apertures **3,5 - 4 - 5,8 - 8 -11** and **16**.

**The Copal-Shutter** had to be pre-cocking befor release. The back cover is connected with the cover floor and can be removed in one piece.

### Specification Type: Olympus 34 IV

Engraving:	<b>Olympus 35 and serial number</b>
Release date:	<b>November 1949</b>
Color body:	<b>chrome</b>
Color leather:	<b>black</b>
Shutter:	<b>Copal</b>
Shutter-speeds:	<b>B, 1 to 1/200 second</b>
Finder:	<b>Telescopic</b>
Film advance:	<b>advance knob</b>
Light meter:	<b>none</b>
Lens:	<b>Zuiko C. 1:3,5/ 4 cm</b>
Aperture range:	<b>3.5 to 16</b>
Focus distance:	<b>3 ft to infinite</b>
Elements:	<b>4</b>
Groups:	<b>3</b>
Size :	<b>115 x 80 x 66 mm</b>
Weight:	<b>530 g</b>
Price at release:	<b>15.500 Yen</b>



Pic. 8 Olympus 35 IV a 1. Version

## Olympus 35 IV a (1953 - 1955)

**1953**

came the almost similarly built

### Olympus 35 IVa

in the shops

The shutter speeds had been expanded to

**B - 1 to 300.**

The old leather inprint

**MADE IN OCCUPIED JAPAN** was changed to **MADE IN JAPAN.**

All other technical features stayed unchanged.

### Specification Type: Olympus 34 IVa

Engraving:	<b>Olympus 35 and serial number</b>
Release date:	<b>Juli 1953</b>
Body color:	<b>chrome</b>
Lether color:	<b>black</b>
Shutter:	<b>Copal</b>
Shutter-speeds:	<b>B, 1 to 1/300 second</b>
Finder:	<b>telescopic</b>
Film advance:	<b>advance knob</b>
Light meter:	<b>none</b>

## Olympus 35 IV a

Lens:	<b>Zuiko F.C. 1:3,5/ 4 cm</b>
Aperture range:	<b>3,5 to 16</b>
Focus range:	<b>3 ft to infinite</b>
Elements:	<b>4</b>
Groups:	<b>3</b>
Size:	<b>115 x 80 x 60 mm</b>
Gewicht:	<b>530 g</b>
Price at release:	<b>14.500 Yen</b>



Pic. 9 Olympus 35 IV a 2. Version

## Olympus 35 IV b (1954 - 1955)

### 1954

was the year in which the

### Olympus 35 IVb

appeared.

The camera was once again supplied with a **Seikosha Rapid** shutter with the speeds **B, 1 bis 500**. The synchronized flash plug had now been moved from the body directly to the shutter.

Apart from that, the **35 IVb** was constructed the same as the **35 IVa**.

#### Specification Type: Olympus 34 IVb

Engraving:	<b>Olympus 35 and serial number</b>
Release date:	<b>July 1954</b>
Body color:	<b>chrome</b>
Lether color:	<b>black</b>
Shutter:	<b>Seikosha-Rapid</b>
Shutter-speeds:	<b>B, 1 to 1/500 Sekunde</b>
Finder:	<b>telescopic</b>
Film advance:	<b>advance knob</b>
Light meter:	<b>none</b>
Extras:	<b>selftimer</b>
Lens :	<b>Zuiko F.C. 1:3,5/40 mm</b>
Aperture range:	<b>3,5 to 16</b>
Focus range:	<b>3 ft to infinite</b>
Elements:	<b>4</b>
Groups:	<b>3</b>
Price at release:	<b>15.000 Yen</b>

# Olympus 35 V a

1955

appeared with a newly developed body the

## Olympus 35 Va

The viewfinder was intergrated in the top of the body and for the film transport there were two large handling knobs. The camera back was now fixed with a hinge to the body. As shutter serves the famous **Copal B, 1 bis 300, with self timer**, the lens was a **Zuiko 1:3,5 f = 40 mm**.

**Specification Type: Olympus 34 Va**

## Technische Daten Typ: Olympus 35 V a

Engraving:	<b>Olympus 35 and serial number</b>
Release date:	<b>March 1955</b>
Body color:	<b>chrome</b>
Lether color:	<b>black</b>
Shutter:	<b>Copal</b>
Shutter-speeds:	<b>B, 1 to 1/300 Sekunde</b>
Finder:	<b>telescopic</b>
Film advance:	<b>big advance knob</b>
Light meter:	<b>none</b>
Extras:	<b>selftimer, big rewind knob</b>
Lens:	<b>Zuiko F.C. 1:3,5/ 4 cm</b>
Aperture range:	<b>3,5 to 16</b>
Focus range:	<b>3 ft to infinite</b>
Elements:	<b>4</b>
Groups:	<b>3</b>
Price at release:	<b>14.500 Yen</b>

## Olympus 35 V b

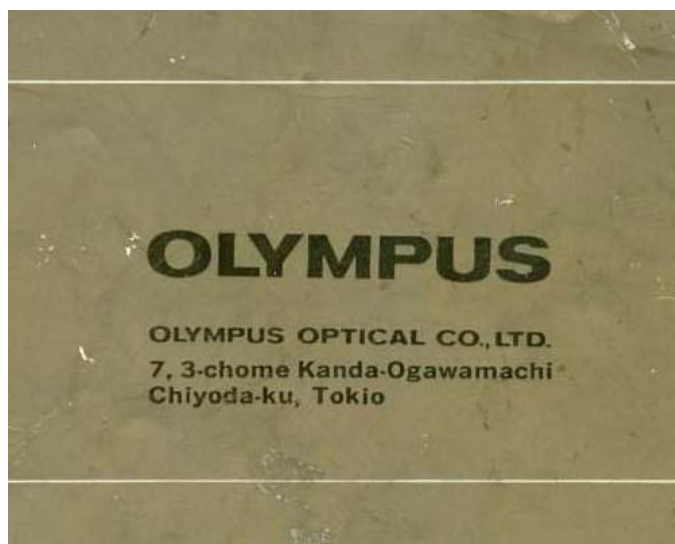
**1955**

came the **Olympus 35 Vb**.

The **Olympus 35 Vb** was, apart from the shutter, exactly the same as the **Olympus Va**. The camera had a **Seikosha-Rapid B, 1 bis 500 shutter**.

### Specification Type: Olympus 35 Vb

Engraving:	<b>Olympus 35</b>
Release date:	<b>May 1955</b>
Body color:	<b>chrome</b>
Lether color:	<b>black</b>
Shutter:	<b>Seikosha-Rapid</b>
Shutter-speeds:	<b>B, 1 to 1/500 second</b>
Finder:	<b>telescopic</b>
Film advance:	<b>big advance knob</b>
Light meter:	<b>none</b>
Extras:	<b>selftimer, big rewind knob</b>
Lens:	<b>Zuiko F.C. 1:3,5/40 mm</b>
Aperture range:	<b>3,5 to 16</b>
Focus range:	<b>3 ft to infinite</b>
Elements:	<b>4</b>
Groups:	<b>3</b>
Price at release:	<b>not known</b>



Pic. 10 Olympus addres in Tokio (Olympus Publication)



Pic. 11 Olympus 35 S 2,8

## Olympus 35 S (1955 - 1958)

**1955** appeared parallel to the **35 Vb** the **Olympus 35-S**, now with features which are today's normal standard.

The **35-S** was offered in **2 versions** and **3 variations**.

All models had a film advance lever and an **integrated range finder**. The rewind knob was combined with the **ASA indicator**. The back of the camera was fixed by a hinge on the camera body and could be opened by a small lever.

The variations:

### **Olympus 35-S 1. Version**

Lens: **D. Zuiko 1:3,5 f = 4,0 cm**, rewind button was ribbed and without a crank handle the focus button was formed like a V.

Shutter: **Seikosha-Rapid B, 1 to 500**

### **Olympus 35-S 2. Version**

The second version was available with **1:1,9 (Variation 1)**, **1:2,8 (Variation 2)** and **1:3,5 (Variation 3)** lens.

All models had the **Seikosha-MX B, 1 to 500** shutter. The rewind button was smooth and with a crank handle. The focus button had also been changed and was now round.

## **Specifications Type: Olympus 35 S**

Engraving:

**Olympus 35 S (all models)**

Release date:

**1. Version 35 S f = 3.5: Mai 1955**

**2. Version, Variation Type 1: 35 S f = 3.5: November 1955**

**Variation Type 2: 35 S f = 2.8: November 1955**

**Variation Type 3: 35 S f = 1.9: January 1956**

Body color:

**chrome**

Leather color:

**black**

Shutter:

**1. Version: Seikosha-Rapid B, 1 to 1/500 sec**

**2. Version: Seikosha-MX B, 1 to 1/500 sec**



## Olympus 35 S

Flash synchronisation:	<b>M and X</b>
Finder:	<b>range finder picture</b>
Rangefinder:	<b>coupled</b>
Film-Advance:	<b>film advance lever</b>
Light meter:	<b>none</b>
ASA:	<b>memory scale in rewind knob</b>
Battery:	<b>none</b>
Lens:	<b>1. Version: D. Zuiko F.C. 1:3.5 f = 4.5 cm</b>
	<b>2. Version: D. Zuiko F.C. 1:3.5 f = 4.5 cm (Type 1)</b>
	<b>E. Zuiko F.C. 1:2.8 f = 4.8 cm (Type 2)</b>
	<b>G. Zuiko F.C. 1:1.9 f = 4.5 cm (Type 3)</b>
F-Stop range:	<b>(1.9), (2.8), (3.5) to 16</b>
Focusing:	<b>3 ft to infinite</b>
Price at release:	<b>23.000 Yen (3.5), 27.000 Yen (2.8) and 34.000 Yen (1.9)</b>



Pic. 12 Olympus 35 - S top





Pic. 13 Olympus WIDE

## Olympus 35 Wide (1955 - 1957)

**1955** also appeared the **Olympus Wide**.

This camera produced until 1957 was supplied with a wide angle lens the **D. Zuiko-W 1:3,5 f = 3,5 cm** and a **Copal-MX B, 1 to 300** shutter.

This camera, without rangefinder, came with a bright-frame finder. The viewfinder window was in the middle and the bright-frame window to the left.

### Specifications Type: Olympus Wide

Engraving:	<b>Olympus Wide</b>
Release date:	<b>September 1955</b>
Body color:	<b>chrome</b>
Leather color:	<b>black</b>
Shutter:	<b>Copal - MXV</b>
Shutter-Speeds:	<b>B, 1 to 1/500 sec.</b>
Flash synchronisation:	<b>X and M</b>
Finder:	<b>bright frame and parallax marks</b>
Rangefinder:	<b>none</b>
Film-Advance:	<b>film advance lever</b>
Light meter:	<b>none</b>
Battery:	<b>none</b>
Extras:	<b>selftimer</b>
Lens:	<b>D. Zuiko-W F.C. 1:3.5 f = 3.5 cm</b>
F-Stop range:	<b>3.5 to 22</b>
Focusing:	<b>0.6 m to infinite</b>
Elements:	<b>4</b>
Groups:	<b>3</b>
Size:	<b>125 x 80 x 60 mm</b>
Weight:	<b>540 g</b>
Price at release:	<b>16.900 Yen</b>



Pic. 14 Olympus WIDE - E

## Olympus 35 Wide - E (1957 - 1958)

**1957**

also appeared the

### Olympus Wide-E,

an improved version of the **Olympus Wide**.

The camera now had a **Selen-light meter** that had its function knobs and scale under the rewind knob. The clearly designed indicator window was situated between the rewind knob and accessory shoe.

The large meter window was on the front next to the viewfinder.

The **Wide-E** was also produced for the north american trader **Sears** and sold in the USA.

Engraved: **Olympus Wide-E** and the **Tower Label**

### Specifications Type: Olympus Wide - E

Engraving:	<b>Olympus WIDE - E</b>
Release date:	<b>April 1957</b>
Body color:	<b>chrome</b>
Leather color:	<b>black</b>
Shutter:	<b>Copal - MXV</b>
Shutter-Speeds:	<b>B, 1 to 1/500 sec.</b>
Flash synchronisation:	<b>X and M</b>
Finder:	<b>bright frame and parallax marks</b>
Rangefinder:	<b>none</b>
Film-Advance:	<b>film advance lever</b>
Light meter:	<b>Selenium cell</b>
Battery:	<b>none</b>
Extras:	<b>selftimer</b>

## Olympus WIDE - E

Lens:	D. Zuiko-W F.C. 1:3.5 f = 3.5 cm
F-Stop range:	3.5 to 22
Focusing:	2 ft to infinite
Elements:	4
Groups:	3
Size:	125 x 80 x 60 mm
Weight:	590 g
Price at release:	18.900 Yen



Pic. 15 Olympus WIDE - E top



Pic. 16 Olympus WIDE S

## Olympus Wide S (1957 - 1958)

### 1957

came the last model of the 35 Wide series, the

### Olympus Wide S

(also known as the **Wide Super** ) in the shops.

The camera now had a third window for the coupled distance meter and was supplied with the fast **H. Zuiko-W 1:2 f = 35 mm.**

### Specifications Type: Olympus Wide S

Engraving:	<b>Olympus WIDE - S</b>
Release date:	<b>July 1957</b>
Body color:	<b>chrome</b>
Leather color:	<b>black</b>
Shutter:	<b>Seikosha-Rapid</b>
Shutter-Speeds:	<b>B, 1 to 1/500 sec.</b>
Flash synchronisation:	<b>X</b>
Finder:	<b>bright frame, parallax marks and range finder mix picture coupled</b>
Rangefinder:	<b>coupled</b>
Film-Advance:	<b>film advance lever</b>
Light meter:	<b>none</b>
Battery:	<b>none</b>
Extras:	<b>film memory disk at back</b>



## Olympus WIDE S

Lens:	H. Zuiko - W 1:2 f = 3.5 cm
F-Stop range:	2 to 16
Focusing:	2 ft to infinite
Elements:	8
Groups:	6
Price at release:	not known



Pic. 17 Malayan Village -- with H. Zuiko - W

# Olympus Wide II (1958 - 1961)

## 1958

appeared the improved version of the **Wide** the

### Olympus Wide II.

The camera was basically similarly built to the **Wide**, but now had a film advance lever and film rewind knob with crank handle.

The earlier models were marked with a **W** on the front.

The **Wide II** had the bright-frame window in the middle and the viewfinder window to the left.

### Specifications Type: Olympus Wide II

Engraving:	<b>Olympus Wide</b>
Release date:	<b>February 1958</b>
Body color:	<b>chrome</b>
Leather color:	<b>black</b>
Shutter:	<b>Copal - MXV</b>
Shutter-Speeds:	<b>B, 1 to 1/500 sec.</b>
Flash synchronisation:	<b>X and M</b>
Finder:	<b>bright frame and parallax marks</b>
Rangefinder:	<b>none</b>
Film-Advance:	<b>film advance lever</b>
Light meter:	<b>none</b>
Battery:	<b>none</b>
Extras:	<b>selftimer</b>
Lens:	<b>D. Zuiko-W F.C. 1:3.5 f = 3.5 cm</b>
F-Stop range:	<b>3.5 to 22</b>
Focusing:	<b>0.6 m to infinite</b>
Elements:	<b>4</b>
Groups:	<b>3</b>
Size:	<b>125 x 80 x 60 mm</b>
Weight:	<b>540 g</b>
Price at release:	<b>not known</b>

# Olympus 35 K (1957 - 1959)

## 1957

brought the

### Olympus 35 - K.

The most striking feature was a small coupling house that was situated under the lens. It covered the mechanical connection between the lens and distance meter.

Earlier models had a **Copal B, 1 to 300** shutter, later once, a shutter speed of **1 to 500**.

### Specifications Type: Olympus 35 K

Engraving:	<b>Olympus 35</b>
Release date:	<b>July 1957</b>
Body color:	<b>chrome</b>
Leather color:	<b>black</b>
Shutter:	<b>Copal MXV</b>
Shutter-Speeds:	<b>B, 1 to 1/500 sec.</b>
Flash synchronisation:	<b>M and X</b>
Finder:	<b>bright frame, range finder picture</b>
Rangefinder:	<b>coupled</b>
Film-Advance:	<b>film advance lever</b>
Light meter:	<b>none</b>
Extras:	<b>selftimer</b>
Lens:	<b>D. Zuiko 1:3.5 f = 40 mm</b>
F-Stop range:	<b>3.5 to 16</b>
Focusing:	<b>3 ft to infinite</b>
Elements:	<b>4</b>
Groups:	<b>3</b>
Price at release:	<b>17.900 Yen</b>



Pic. 18 Olympus 35 S II 2. version with E. Zuiko 1:2,8

## Olympus 35 S II (1957 - 1959)

**1957** began the series of **Olympus 35-S II**

which was offered from 1957 to 1959 in four different variations.

The body of the **35-S II** was quite similar to the **Wide S**.

The first **version** was the only one of the serie supplied with a **self timer**, which was situated under the distance meter window. Due to this most noticable feature the first version, is easy to recognize.

Shutter: **Seikosha-MXL B, 1 to 500**

Lens: **G. Zuiko 1:1,8 f = 4,2 cm**

Engraved: **OLYMPUS 35-S**

The second version, that was built as of 1958, had **no self timer** and was supplied with the **G Zuiko 1:1,8 f = 4,2 cm**. On the front below the winding lever, the camera was marked with a large **S**.

As a variation the second version was supplied with a **Zuiko 1:2 f = 4,2 cm** or a **E. Zuiko 1:2,8 f = 4,8 cm**.

Both variations had no **S** marked on the front. All variations had a **Copal-MXL B, 1 to 500** shutter.

All variations were engraved with: **OLYMPUS 35-S**

### Tower - Models

The **35 S II** was also produced for the north american trader **Sears** and sold in the USA.

The 3 versions was sold under:

**Tower 20** mit H Zuiko-w 2/35 mm

**Tower 18** mit G Zuiko 1.8/42 mm

**Tower 10** mit E Zuiko 2.8/48 mm

Engraved: **Olympus 35-S** and **Tower Lable**



## Olympus 35 S II

### Specifications Type: Olympus - 35 S II

Engraving: **Olympus 35 - S (2. Version Type 1 with big S on front)**

Release date:

**1. Version 35 S f = 3,5 : Mai 1955**

**2. Version, Variation 1, 35 - S II f = 3,5 : November 1955**

**Variation 2, 35 - S II f = 2,8 : November 1955**

**Variation 3, 35 - S II f = 1,9 : January 1956**

Body color:	chrome
Leather color:	black
Shutter:	Seikosha - MXL
Shutter-Speeds:	B, 1 to 1/500 sec.
Flash synchronisation:	X and M
Finder:	bright frame and range finder mix picture
Rangefinder:	coupled
Film-Advance:	Film advance lever
Light meter:	none
Battery:	none
Extras:	selftimer 1. version only
Lens:	<b>1. Version:</b> G. Zuiko 1:1.8 f = 4,2 cm
	<b>2. Version</b> Type 1: G. Zuiko 1:1.8 f = 4,2 cm
	Type 2: E. Zuiko 1:2.8 f = 4,8 cm
	Type 3: Zuiko 1: 2 f = 4,2 cm
F-Stop range:	(1.8), (2.0), (2.8) to 22
Focusing:	3 ft to infinite
Price at release:	32.800 Yen (1,8), 24.800 Yen (2,0), 23.800 Yen (2,8)



Pic. 19 Olympus 35 - S II Sears Modell Tower 10



Pic. 20 Olympus ACE

## Olympus ACE (1958 - 1960)

**1958** came up the first produced 35 mm Viefinder camera with interchangeable lenses by Olympus, the famous **Olympus ACE**

This exceptionally nice mechanical camera offered for the first time interchangeable lenses with bayonet connection. Available was the **E. Zuiko 1:2,8 f = 3,5 cm**, the **E.Zuiko 1:2,8 f = 4,5 cm (Standart)** and the **E. Zuiko 1:5,6 f = 8 cm**. There was also a **E. Zuiko 1:4 f = 80 mm**.

The camera had a large Viewfinder window, which showed the three bright line frames for **35, 45 and 80 mm images** and the **distance meter picture**.

As shutter served a **M and X** synchronised **Copal-SV B, 1 bis 500**

### Specifications Type: Olympus ACE

Engraving:	<b>Olympus ACE</b>
Release date:	<b>Dezember 1958</b>
Body color:	<b>chrome</b>
Leather color:	<b>black</b>
Shutter:	<b>Copal - SV</b>
Shutter speeds:	<b>B, 1 to 1/500</b>
Finder:	<b>bright frames for 35, 45 and 80 mm</b>
Distance meter:	<b>coupled</b>
Film advance:	<b>film advance lever</b>
Light meter:	<b>none</b>
Extras:	<b>selftimer, interchangeable lenses</b>
Lenses:	
Standard:	<b>E. Zuiko 1:2,8 f=4,5 cm ACE Bayonet</b>
Wide:	<b>E. Zuiko 1:2,8 f=3,5 cm ACE Bayonet</b>
Tele:	<b>E. Zuiko 1:4 f=80 mm ACE Bayonet</b>
Aparture range:	<b>2,8 to 16</b>
Focus range:	<b>2,5 ft to in infinitely</b>
Elements:	<b>5</b>
Groups:	<b>4</b>
Size:	<b>13,3 x 8 x 6,5 cm (with Standard-Lens)</b>
Weight:	<b>ca. 600 g (with Standard-Lens)</b>
Price at release:	<b>not known</b>



Pic. 21 Olympus ACE - E

## Olympus ACE - E (1959 - 1961)

1959

the

**Olympus ACE-E** was offered.

The camera similar to the **Olympus ACE**, had an additional Selenlight meter. The Selen cell was placed on the front under the film advance lever, the round scale was on the top near the accessory shoe. The ASA adjustment was adjusted at the **Seikosha-SLV B, 1 bis 500** shutter. The light meter was not coupled.

The camera was sold with an **E. Zuiko 1:2,8 f = 4,5 cm** as standard lens.

The interchangeable lenses were similar to the Olympus ACE.

The **ACE-E** also was produced in **1959** special for **Sears**, a north american Trader and sold in the USA under the name **Tower 19**.

### Specifications Type: Olympus ACE - E

Engraving:	<b>Olympus ACE-E for USA Tower 19 and Tower sybol</b>
Release date:	<b>Dezember 1959</b>
Body color:	<b>chrome</b>
Lether color:	<b>black</b>
Shutter:	<b>Seikosh - SLV</b>
Shutter speeds:	<b>B, 1 to 1/500 second</b>
Finder:	<b>brightframes for 35, 45 and 80 mm</b>
Distance meter:	<b>coupled</b>
Film advance:	<b>film advance lever</b>
Light meter:	<b>Selenium cell</b>
ASA:	<b>6 to 800</b>
Extras:	<b>selftimer, interchangeable lenses</b>

## Olympus ACE - E

### Lenses:

Standard:	E. Zuiko 1:2,8 f=4,5 cm ACE Bayonet
Wide:	E. Zuiko 1:2,8 f=3,5 cm ACE Bayonet
Tele:	E. Zuiko 1:4 f=80 mm ACE Bayonet
Aperture range:	2,8 to 16
Focus range:	2,5 ft to infinity
Elements:	5
Groups:	4
Size:	13,3 x 8 x 6,5 cm (with standard-lens)
Weight:	ca. 660 g (with Standard-Lens)
Price at release:	not known



Pic. 22 Olympus ACE - E top



Pic. 23 Tower 19 top



Pic. 24 Olympus Auto

## Olympus Auto electro - set (1958 - 1959)

### 1958

was the appearance year of the

#### Olympus Auto electro-set

Olympus wrote in the manual:

***This camera is the result of the gained experience.***

That means, this camera is very special.

Based on the ACE body an amazing camera was developed by engineers with no limits.

Again supplied with a fixed lens (**E. Zuiko 1:1,8 f = 4,2 cm**) the camera had got a coupled Selen light meter with a hinged cover over the meter cell.

A **buster-cell** could be connected for better measurements. The plug was on the front right under the meter cell. The round ASA scale window was on the back, the ASA setting was done by pressing a lever and rotating the aperture ring. For exact exposure, the shutter speed must preset and the aperture ring, according to the meter reading, turned.

Multi exposure was possible by pushing a small lever at the back.

If the camera was loaded, the film transport could be watched in a small window next to the viewfinder.

Rewind knob and camera back safety was placed at the base plate and luxuriously constructed.

The large viewfinder window with bright frame, combined with the coupled range finder results in best possible picture sharpness. A lever at the distance ring made focusing easier. There was a special connection for fixing the carrying belt.



## Olympus – Auto

### Specifications Type: Olympus - Auto

Engraving:	Olympus - Auto
also:	Olympus - Auto electro set
Release date:	Dezember 1958
Body color:	chrome
Leather color:	black
Shutter:	Seikosha - SLV
Shutter-Speeds:	B, 1 to 1/500 sec.
Flash synchronisation:	M and X
Finder:	bright frame, distance meter mix picture
Rangefinder:	coupled
Film-Advance:	film advance lever
Light meter:	Selenium cell
ASA:	10 to 800
Battery:	none
Extras:	selftimer
Lens:	G. Zuiko 1:1.8 f = 4.2 cm
F-Stop range:	1.8 to 16
Focusing:	2.5 ft to infinite
Elements:	7
Groups:	5
Size:	142 x 88 x 68 mm
Weight:	780 g
Price at release:	34.800 Yen



Pic. 25 Olympus – Auto top



Pic. 26 Olympus Auto B

## Olympus Auto B electro - set (1959 - 1960)

**1959**

followed the

### Olympus Auto B electro - set

The **missing cover over the cell** of the light meter and the **less fast**

**E. Zuiko 1:2,8 f = 4,2 cm,**

are the only differences to the Olympus Auto. All other technical features stayed unchanged.

### Specifications Type: Olympus - Auto

Engraving:	Olympus - Auto
also:	Olympus - Auto electro set
Release date:	September 1959
Body color:	chrome
Leather color:	black
Shutter:	Seikosha - SLV
Shutter-Speeds:	B, 1 to 1/500 sec.
Flash synchronisation:	M and X
Finder:	bright frame, range finder mix picture
Rangefinder:	coupled
Film-Advance:	film advance lever
Light meter:	Selenium cell
ASA:	10 to 800
Battery:	none
Extras:	selftimer

## Olympus Auto B

Lens:	E. Zuiko 1:2.8 f = 4.2 cm
F-Stop range:	2.8 to 16
Focusing:	2.5 ft to infinite
Elements:	7
Groups:	5
Size:	142 x 88 x 68 mm
Weight:	750 g
Price at release:	22.800 Yen



Pic. 27 Olympus Auto B top



Pic. 28 Olympus Auto B simple meter cell





Pic. 29 Olympus Auto Eye

## Olympus Auto Eye (1960 - 1963)

1960

followed as next in the row, the

### Olympus Auto Eye

In the body of the ACE but with new top and added automatically exposure control. The automatically selected aperture was indicated in the viewfinder. Olympus called this, the **Compu-Matic Shutter Release** system.

Under the viewfinder window the **Flash-Matic system**, used for flash synchronisation control and manual aperture selection, was placed. Some of these models, had a **Pre-Vu** (pre-view) button under the meter window. This offers the possibility to pre view the selected aperture without releasing the shutter. Another version was produced without this helpful feature. On the side, below the film rewind lever, was a plug for a buster cell. A low light sign was placed at the back. The released shutter, when used in B speed, could be held open by turning the release bottom clockwise.

### Specifications Type: Olympus Auto Eye

Engraving:	Olympus
Label:	Auto Eye
Release date:	September 1960
Body color:	chrome
Leather color:	black
Shutter:	Copal - SV
Shutter-Speeds:	B, 1 to 1/500 sec.
Flash synchronisation:	X and M
Finder:	bright frame, parallax marks, range finder mix picture coupled
Rangefinder:	film advance lever
Film-Advance:	Selenium cell
Light meter:	10 to 400
ASA:	none
Battery:	Pre-View System (2. Version: without Pre-View)
Extras:	

## Olympus Auto Eye

Lens:	D. Zuiko 1:2.8 f = 4.5 cm
F-Stop range:	2.5 to 16 automatic
Focusing:	3.5 ft to infinite
Elements:	4
Groups:	3
Size:	135 x 83 x 73
Weight:	620 g
Price at release:	21.500 Yen



Pic. 30 Olympus Auto Eye top



Pic. 31 Olympus Auto Eye backside



Pic. 32 Olympus Auto Eye II

## Olympus Auto Eye II (1962 - 1963)

**1962** appeared the last of the Auto-series, the **Olympus Auto Eye II**

In the same body as the Auto Eye, the new model showed some differences. There was no **Flash Matic system** and **low light sign** and the release button was no longer fixable. The flash plug was now at the body. On the plastic blind of the viewfinder windows was an **EE** label. All models was supplied with the **Pre-Vu button**.

The camera was gray enameled and covered by gray leather.

### Specifications Type: Olympus Auto Eye II

Engraving:	<b>Olympus</b>
Label:	<b>EE</b>
Release date:	<b>April 1962</b>
Body color:	<b>chrome, partly gray</b>
Leather color:	<b>gray</b>
Shutter:	<b>Copal</b>
Shutter-Speeds:	<b>B, 1 to 1/500 sec. and A</b>
Flash synchronisation:	<b>X</b>
Finder:	<b>bright frame, parallax marks, mixpicture</b>
Range finder:	<b>coupled</b>
Film-Advance:	<b>film advance lever</b>
Light meter:	<b>Selenium cell</b>
ASA:	<b>10 to 400</b>
Battery:	<b>none</b>
Extras:	<b>Pre-View System</b>

## Olympus Auto Eye II

Lens:	D. Zuiko 1:2.5 f = 4.3 cm
F-Stop range:	2.5 to 16 automatic
Focusing:	3.5 ft to infinite
Elements:	4
Groups:	3
Size:	135 x 83 x 73
Weight:	620 g
Price at release:	18.500 Yen



Pic. 33 An Olympus Auto Eye II shot

## Olympus S Electro Set (1962 - 1963)

### 1962

also appeared the

### Olympus S Electro Set

The **S Electro Set** used the same body as the **Auto Eye**. The plastic blind was now as long as the camera which was supplied with a coupled selen light meter and coupled distance meter. As lens served the **G. Zuiko 1:1,8 f = 4,2 cm**.

#### Specifications Type: Olympus S Electro Set

Engraving:	Olympus S
Label:	Electro Set ( below the lightmeter window)
Release date:	April 1962
Body color:	chrome
Leather color:	black
Shutter:	Copal - VS
Shutter-Speeds:	B, 1 to 1/500 sec.
Flash synchronisation:	X
Finder:	bright frame, parallax marks, range finder mix picture coupled
Range finder:	coupled
Film-Advance:	film advance lever
Light meter:	Selen
ASA:	6 to 800
Battery:	none
Lens:	G. Zuiko 1:1.8 f = 4,2 cm
F-Stop range:	1.8 to 16
Focusing:	3.5 ft to infinite
Elements:	7
Groups:	5
Price at release:	not known



Pic. 34 Olympus - SC

## Olympus - SC (1963 - 1965)

### 1963

appeared as the only new construction, the

### Olympus - SC

The camera was similar to the Olympus-S but was supplied with a modern **Cds light meter**. To run the meter a battery (HD 1.35 V) was needed which was in a small compartment in the camera base. The large right-angle meter window was now changed to a smaller round one. The plastic blind of the finder windows was no longer over the whole camera size.

### Specifications Type: Olympus - SC

Engraving:	Olympus - S
Release date:	1963
Body color:	chrome
Leather color:	black
Shutter:	Copal -SV
Shutter-Speeds:	B, 1 to 1/500 sec.
Flash synchronisation:	X
Finder:	bright frame, range finder mix picture
Range finder:	coupled



## Olympus - SC

Film-Advance:	film advance lever
Light meter:	CdS
ASA:	15 to 800
Battery:	1,35 V (MR-625R, PX 625, E 625)
Extras:	round meter window
Lens:	G. Zuiko 1:1.8 f = 4.2 cm
F-Stop range:	1.8 to 22
Focusing:	3 ft to infinite
Elements:	7
Groups:	5
Price at release:	21.800 Yen



Pic. 35 Olympus - SC



Pic. 36 Olympus 35 LE

## Olympus - 35 LE

**1965** appeared in a new body with new styled top, the

**Olympus LE** on the market.

The camera body now was newly styled and the corners looked more straight. Like the Olympus - S, the **35 LE** also had a Cds light meter which was coupled with the new **Seikosha-ES Automatic shutter**.

The automatic handled a shutter speed variation from **25 to 500/100 seconds**. Also new was the self timer with it's, lever placed on the camera front.

### Specifications Type: Olympus - 35 LE

Engraving:	<b>Olympus - 35 LE (on top)</b>
On front:	<b>OLYMPUS - 35 6 TRANSISTORS</b>
Release date:	<b>Oktober 1965</b>
Body color:	<b>chrome</b>
Leather color:	<b>black</b>
Shutter:	<b>Seiko - ES</b>
Shutter-Speeds:	<b>automatisch 1/25 to 1/500 sec.</b>
Flash synchronisation:	<b>X</b>
Finder:	<b>brightframe, distance meter picture</b>
Rangefinder:	<b>coupled</b>
Film-Advance:	<b>film advance lever</b>
Light meter:	<b>CdS</b>
ASA:	<b>15 to 800</b>
Battery:	<b>1.35 Volt</b>
Extras:	<b>selftimer, hotshoe</b>



## Olympus 35 LE

Lens:	G. Zuiko 1:1.7 f = 42 mm
F-Stop range:	1.7 to 16
Focusing:	3 ft to infinite
Elements:	7
Groups:	5
Price at release:	22.800 Yen



Pic. 37 Olympus - 35 LE top



Pic. 38 Olympus - 35 LE backside



Pic. 39 Olympus 35 LC

## Olympus 35 LC

**1967** followed the similar looking

### Olympus 35 LC

The 35 LC was a manually controlled camera with Cds light meter and coupled distance meter. For exact exposure settings the needle of the light meter indicator must be placed between two marks by adjusting the speed and the aperture ring.

The indicator in a small window on top, was also seen in the viewfinder.

For measurements, a button on the backside must be preset.

On side, below the film rewind lever, was the flash plug and another one is the **middle contact** of the accessory shoe. (hot shoe)

### Specifications Type: Olympus - 35 LC

Engraving:	<b>Olympus - 35 LC</b>
Release date:	<b>März 1967</b>
Body color:	<b>chrome</b>
Leather color:	<b>black</b>
Shutter:	<b>Copal - X</b>
Shutter-Speeds:	<b>B, 1 to 1/500 sec.</b>
Flash synchronisation:	<b>X with hotshoe and PC socket</b>
Finder:	<b>brightframe, distance meter picture and exposure meter needle coupled</b>
Rangefinder:	<b>coupled</b>
Film-Advance:	<b>film advance lever</b>
Light meter:	<b>CdS</b>
ASA:	<b>10 to 800</b>
Battery:	<b>1,3 V (MR-625R, PX 625, E 625)</b>
Extras:	<b>selftimer and exposure meter indicator on top</b>

## Olympus 35 LC

Lens:	G. Zuiko 1:1,7 f = 42 mm
F-Stop range:	1.7 to 16
Focusing:	2.8 ft to infinite
Elements:	7
Groups:	5
Size:	140 x 87 x 70 mm
Weight:	640 g
Price at release:	22.800 Yen



Pic. 40 Olympus - 35 LC top



Pic. 41 Olympus - 35 SP

## Olympus - 35 SP (1969 - 1973)

### 1969

Olympus surprised the photoworld with a newly developed camera, the

### **Olympus - 35 SP**

which was, according to the development standard, a leading camera at that time.

For the first time a 35 mm camera offered a **Program exposure (AE)** connected with a light meter system that offered **average-** and **spot metering**.

For creative shots, the camera could be changed to manual use. In the manual mode, the light meter wasn't coupled. In the automatic mode, the measured light value could be stored by softly pressing the shutter release button.

A small elongated window was used to illuminate the light meter values in the view finder. There was a middle contact for the flash on the accessory hot shoe and on the camera front below the view finder.

At the side, below the film rewind lever, the ASA selection wheel was placed.

**Also black model was offered!**



Pic. 42 Olympus - 35 SP black

## Olympus - 35 SP

### Specifications Type: Olympus - 35 SP

Engraving:	Olympus - 35 SP
Release date:	April 1969
Body color:	chrome- and black models
Leather color:	black
Shutter:	Seiko - FLA
Shutter-Speeds:	B, 1 to 1/500 sec and automatic
Flash synchronisation:	X ( Hotshoe and PC socket)
Finder:	bright frame, parallax marks, distance mix picture and aperture scale coupled
Rangefinder:	coupled
Film-Advance:	film advance lever
Light meter:	CdS
ASA:	25 to 800
Battery:	1,35 V (MR-625R, PX 625, E 625)
Extras:	selftimer, average- and spot metering
Lens:	G. Zuiko 1:1.7 f = 42 mm
F-Stop range:	1.7 to 16
Focusing:	3 ft to infinite
Elements:	7
Groups:	5
Size:	130 x 80 x 65 mm
Weight:	540 g
Price at release:	24.800 Yen



Pic. 43 Olympus - 35 SP Backside





Pic. 44 Olympus 35 SPn

## Olympus 35 SPn

**1972**

appeared the

### Olympus 35 SPn

which was similar to the **35 SP** but additionally supplied with a battery checker, placed on the backside. A control lamp was placed over the test button. The viewfinder window was no longer blinded by black plastic. The name on the front was in two lines and the lens completely in black.

**The camera was produced in black also!**

### Specifications Type: Olympus - 35 SPn

Engraving:	Olympus - 35 SPn
Release date:	Dezember 1972
Body color:	chrome- and black models
Leather color:	black
Shutter:	Seiko - FLA
Shutter-Speeds:	B, 1 to 1/500 sec and automatic
Flash synchronisation:	X ( Hotshoe and PC socket)
Finder:	bright frame, parallax marks, distance mix picture and aperture scale coupled
Rangefinder:	film advance lever
Film-Advance:	CdS
Light meter:	25 to 800
ASA:	1,35 V (MR-625R, PX 625, E 625)
Battery:	selftimer, average- , spot metering and battery check
Extras:	

## Olympus 35 SPN

Lens:	G. Zuiko 1:1.7 f = 42 mm
F-Stop range:	1.7 to 16
Focusing:	3 ft to infinite
Elements:	7
Groups:	5
Size:	130 x 80 x 65 mm
Weight:	540 g
Price at release:	not known



Pic. 45 Olympus 35 SPN backside



Pic. 46 Olympus 35 SPN spot- and battery test button



Pic. 47 Olympus 35 UC

## Olympus 35 UC (1973 - 1974)

### 1973

came with slightly changed design, the

### Olympus 35 UC

on the market.

The camera, similar to 35 SPn had a black plastic blind in the upper part of the camera front.

### Specifications Type: Olympus 35 UC

Engraving:	Olympus 35 UC
Release date:	September 1973
Body color:	chrome
Leather color:	black
Shutter:	Seiko - FLA
Shutter-Speeds:	B, 1 to 1/500 sec and automatic
Flash synchronisation:	X ( Hotshoe and PC socket)
Finder:	bright frame, parallax marks, distance mix picture and aperture scale coupled
Rangefinder:	film advance lever
Film-Advance:	CdS
Light meter:	25 to 800
ASA:	1,35 V (MR-625R, PX 625, E 625)
Battery:	selftimer, average- , spot metering and battery check with lamp
Extras:	



## Olympus 35 UC

Lens:	G. Zuiko 1:1.7 f = 42 mm
F-Stop range:	1.7 to 16
Focusing:	3 ft to infinite
Elements:	7
Groups:	5
Size:	130 x 80 x 65 mm
Weight:	540 g
Price at release:	33.800 Yen



Pic. 48 Olympus 35 UC backside



Pic. 49 Olympus - 35 EC

## Olympus - 35 EC

**1969**

appeared the

### Olympus - 35 EC

the first 35 mm compact camera by **Olympus**.

The, with Cds lightmeter supplied camera, was only for automatic exposure, was visably smaller as the former models and could be easily carried in a pocket.

The 35 EC had a large bright Viewfinder and was supplied with a self timer.

**The 35 EC was offered in black also!**

### Specifications Type: Olympus-35 EC

Engraving:	<b>Olympus-35 EC</b>
Release date:	<b>December 1969</b>
Body color:	<b>chrome- and black models</b>
Leather color:	<b>black</b>
Shutter:	<b>Seiko - ESF</b>
Shutter-Speeds:	<b>fully automatic from 4 to 1/800 sec.</b>
Finder:	<b>brightframe, parallax marks and distance symbols</b>
Rangefinder:	<b>none</b>
Film-Advance:	<b>thump wheel at back</b>
Light meter:	<b>CdS</b>
ASA:	<b>25 to 800</b>
Battery:	<b>2 x 1,35 V ( EPX 640 )</b>
Extras:	<b>lock lever</b>

## Olympus 35 EC

Lens:	E. Zuiko 1:2,8 f = 42 mm
F-Stop range:	2,8 to 16
Focusing:	0,9 m to infinite
Elements:	5
Groups:	4
Size:	111 x 76 x 49 mm
Weight:	390 g
Price at release:	19.800 Yen



Pic. 50 Olympus – 35 EC black version



Pic. 51 Olympus 35 EC bottom side



Pic. 52 Olympus 35 RC

## Olympus 35 RC

**1970** the **Olympus 35 RC** was offered.

The **35 RC**, once again smaller, offered automatic- and manual control. For manual speed selection was a wheel on top.

For flash, there was a middle contact in the accessory shoe and a second terminal on the side. The camera was supplied with a self timer. The self timer lever was placed at the front below the shutter release.

### Specifications Type: Olympus 35 RC

Engraving:	<b>Olympus 35 RC</b>
Release date:	<b>Oktober 1970</b>
Body color:	<b>chrome</b>
Leather color:	<b>black</b>
Shutter:	<b>ESF B</b>
Shutter-Speeds:	<b>1/15 to 1/500 sec. and Auto</b>
Flash synchronisation:	<b>X (Hotshoe and PC socket)</b>
Finder:	<b>brightframe, parallax marks, range finder picture, aperture- and exposure speed scales couple</b>
Rangefinder:	<b>film advance lever</b>
Film-Advance:	<b>CdS</b>
Light meter:	<b>15 to 800</b>
ASA:	<b>1,3 V (MR-625R, PX 625, E 625)</b>
Battery:	



## Olympus 35 RC

Extras:

Lens:

F-Stop range:

Focusing:

Elements:

Groups:

Size:

Weight:

Price at release:

Selftimer

E. Zuiko 1:2.8 f = 42 mm

2.8 to 22

3 ft to infinite

5

4

111 x 76 x 55 mm

410 g

22.300 Yen



Pic. 53 Olympus 35 RC self release and speed wheel



Pic. 54 Olympus 35 RC top



Pic. 55 Olympus 35 DC

## Olympus 35 DC (1971 - 1974)

**1971** came as automatic camera the **Olympus 35 DC** in the shops.

The camera was supplied with **self timer** and **coupled range finder**.  
For battery check there was a **check button**.

( **There are 2 variations** )

**A** Check button at camera base plate

**B** Check button behind near the viewfinder with control lamp.

Additionally the camera was supplied with a **BLC** - button (**Back Light Control**) to decrease the exposure value 1.5 steps.

### Specifications Type: Olympus 35 DC

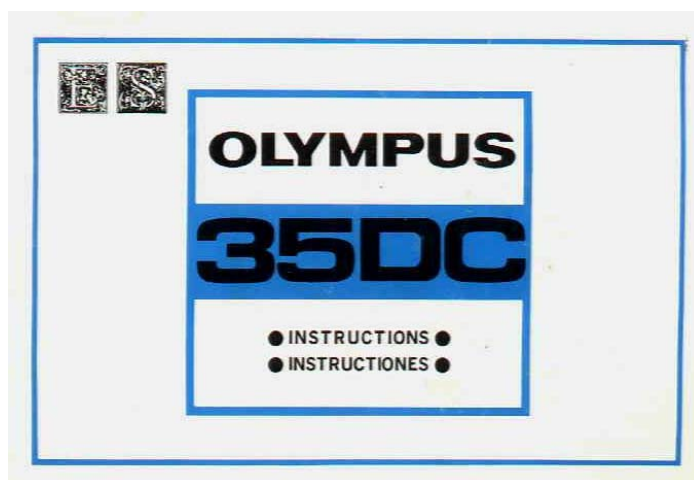
Engraving:	Olympus 35 DC
Release date:	April 1971
Body color:	chrome
Leather color:	black
Shutter:	Seiko program
Shutter-Speeds:	fully automatic calculated exposure
Flash-synchronisation:	X
Finder:	brightframe, parallax marks, speed-scale, F-stop scales and red underexposure warning
Rangefinder:	double image, coupled
Film-Advance:	Film advance lever

## Olympus 35 DC

Light meter:	CdS measurement (EV 5,5 to 17)
ASA:	25 - 800 (DIN 15 - 30)
Battery:	1,35 V (MR-625R, PX 625, E 625)
Extras:	Battery-Test, BLC - bottom, Selftimer
Lens:	F. Zuiko 1:1,7 f = 40 mm
F-Stop range:	1,7 to 16
Focusing:	0,85 m (2,8 ft) to infinity
Elements:	6
Groups:	4
Size:	114 x 71 x 57 mm
Weight:	490 g
Price at release:	28.800 Yen



Pic. 56 Olympus 35 DC top



Pic. 57 Olympus 35 DC manual (englische version)





Pic. 58 Olympus - 35 EC 2

## Olympus 35 EC 2

1971

came the

### Olympus - 35 EC 2

similar to the 35 EC but additionally supplied with a battery checker.

#### Specifications Type: Olympus - 35 EC 2

Engraving:	Olympus - 35 EC 2
Release date:	July 1971
Body color:	chrome
Leather color:	black
Shutter:	Seiko ESF
Shutter-Speeds:	automatic B, 4 to 1/800 sec.
Finder:	brightframe, parallax marks, distance sybols
Rangefinder:	none
Film-Advance:	film advance lever
Light meter:	CdS
ASA:	25 to 800
Battery:	2 x 1,35 V ( EPX 640 )
Extras:	battery test botton
Lens:	E. Zuiko 1:2.8 f = 42 mm
F-Stop range:	2.8 to 16
Focusing:	0.9 m to Infinite
Elements:	5
Groups:	4
Price at release:	20.800 Yen



Pic. 59 Olympus - 35 ECR

## Olympus 35 ECR

1972

followed the also automatic working

### Olympus - 35 ECR

the camera, similar to the 35 EC 2 was now with a **coupled range finder meter**.

In the place of the small round Cds light meter window there was a large, rightangled one with a smaller window in the middle for the range finder.

**This camera was also produced in black.**

### Specifications Type: Olympus - 35 ECR

Engraving:	Olympus - 35 ECR
Release date:	April 1972
Body color:	chrome
Leather color:	black
Shutter:	Seiko
Shutter-Speeds:	automatic 4 to 1/800 sec.
Finder:	brightframe, parallax marks, battery signal, distance meter and distance symbols
Rangefinder:	coupled
Film-Advance:	film advance lever
Light meter:	CdS
ASA:	25 to 800
Battery:	2 x 1,35 V ( EPX 640 )
Extras:	lock lever, battery test
Lens:	2 x 1,35 V ( EPX 640 )
F-Stop range:	2.8 to 16
Focusing:	0.9 m ( 3 ft ) to infinite
Elements:	5
Groups:	4
Price at release:	not known



Pic. 60 Olympus 35 ED

## Olympus 35 ED (1974 - 1978)

### 1974

came the

**Olympus 35 ED** a fully automatic camera in the shops.

The 35 ED had a yellow exposure controll light which was seen, after successfull shutter release, on top as well as in the viewfinder. The look lever was placed down next to the lens.

### Specifications Type: Olympus 35 ED

Engraving:	<b>Olympus 35 ED</b>
Release date:	<b>April 1972</b>
Body color:	<b>chrome</b>
Leather color:	<b>black</b>
Shutter:	<b>Seiko - ESF B</b>
Shutter-Speeds:	<b>automatic 4 to 1/800 sec.</b>
Finder:	<b>brightframe, parallax marks, flash indicator and range finder picture coupled</b>
Rangefinder:	<b>coupled</b>
Film-Advance:	<b>film advance lever</b>
Light meter:	<b>CdS</b>
ASA:	<b>25 to 800</b>
Battery:	<b>2 x RM 640</b>
Extras:	<b>look lever, battery- and exposure Indicator</b>
Lens:	<b>D. Zuiko 1:2.8 f = 38 mm</b>
F-Stop range:	<b>2.8 to 16</b>
Focusing:	<b>0,9 m (3 ft) to infinite</b>
Elements:	<b>4</b>
Groups:	<b>3</b>
Size:	<b>116 x 78 x 54 mm</b>
Weight:	<b>390 g</b>
Price at release:	<b>26.800 Yen</b>



Pic. 61 Olympus 35 RD

## Olympus 35 RD (1975 - 1979)

### 1975

appears as the last of this era of camera development, the

### Olympus RD

The 35 RD was once again a compact version with fully automatic and fully manual exposure control. The camera, designed similarly to the 35 DC had no BLC button. The self timer lever was placed on front, below the release button. The range finder was coupled.

### Specifications Type: Olympus 35 RD

Engraving:	<b>Olympus 35 RD</b>
Release date:	<b>November 1975</b>
Body color:	<b>chrome</b>
Leather color:	<b>black</b>
Shutter:	<b>Seiko B</b>
Shutter-Speeds:	<b>B, 1/2 to 1/500 sec.</b>
Flash synchronisation:	<b>X (Hotshoe and PC socket)</b>
Finder:	<b>bright frame, parallax marks and aperture scale</b>
Rangefinder:	<b>coupled</b>
Film-Advance:	<b>film advance lever</b>
Light meter:	<b>CdS</b>
ASA:	<b>15 to 800</b>
Battery:	<b>1,3 V (MR-625R, PX 625, E 625)</b>
Extras:	<b>selftimer</b>

## Olympus 35 RD

Lens:	<b>F. Zuiko 1:1.7 f = 40 mm</b>
F-Stop range:	<b>1.7 to 16</b>
Focusing:	<b>3 ft to infinite</b>
Elements:	<b>6</b>
Groups:	<b>5</b>
Size:	<b>116 x 75 x 60 mm</b>
Weight:	<b>420 g</b>
Price at release:	<b>not known</b>



Pic. 62 Olympus 35 RD top





Pic. 63 Olympus TRIP 35 chrome and black

## Olympus TRIP 35 (1968 - 1983)

1968

was the year of the

### Olympus TRIP 35

This little camera was sold over 15 years. Supplied with an automatic shutter, with 1/40 and 1/200 sec. The shutter was controlled by the Electric Eye System (EE) powered by a selen cell around the lens and offered an aperture range from 2.8 to 22.

For flash, manual aperture setting at 1/40 sec was possible. The Viewfinder was with bright frame and parallax marks and a red low light indicator.

The Olympus TRIP 35 was **also offered in black.**



Pic. 64 Olympus TRIP 35 black

## Olympus TRIP 35

### Specifications Type: Olympus Trip 35

Engraving:	Olympus Trip 35
Release date:	May 1968
Body color:	chrome and black models
Lether color:	black
Shutter:	program
Shutter-speeds:	1/40 and 1/200 second automatic
For flash:	1/40 second with manuel aperture
Flash synchronisation:	X
Finder:	brightframe, parallax marks
Rangefinder:	none
Film-Advance:	thump wheel
Light meter:	Selenium cell (electric eye)
ASA:	25 to 400
Battery:	none
Extras:	hotshoe
Lens:	D. Zuiko 1:2,8 f = 40 mm
F-Stop range:	2,8 to 22 automatic
Focusing:	zone focusing with 4 click steps
Elements:	4
Groups:	3
Size:	116 x 73 x 56 mm
Weight:	360 g
Price at release:	14.800 Yen



Pic. 65 Olympus Trip 35 top



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The, 1979 introduced Olympus XA started a new chapter of Olympus compact camera development



Pic. 66 Olympus XA



**Olympus**  
***THE CLASSIC 35mm CAMERAS***

**Second Chapter**

The  
PEN - Models



## The PEN Models General



Pic. 67 A small selection of Olympus PEN models

The Olympus **PEN** cameras count as the smallest cameras for the standard 35 mm film. Due to the size the camera was always ready to hand.

The half frame format (**18 x 24**) offered 72 shots for a normal 36 exposure film. The imagined loss of picture quality was compensated by high standard film and the **unbelievable quality of Olympus lenses**.

Every user will be surprised by the fantastic shots which are possible with these cameras.

### Nineteen different models were developed!

The **PEN Rapid EES** and **PEN Rapid EED**  
were for use with **Agfa-Rapid Film** only.

The most of the **PEN** models was supplied with the **EE ( Electric Eye )** light meter system, which worked with **1/40** and **1/200** sec. shutter speed. The 1/200 second was used for aperture control, the 1/40 second for flash and manual aperture setting. Some models were with a red **Low Light Indicator**.

The **Olympus PEN** models are highly valuable for collectors and users as well.



Pic. 68 Olympus PEN second version

## Olympus PEN (1959)

A handy camera like a PEN, that was the idea which was behind the development of this

little camera and gave it the name **Olympus PEN**

The Pen, sold from **1959 to 1964** with great success, was the first in the row of PEN cameras. The first PENs were built on behalf of Olympus at **Sanko Shoji** company, but tested and distributed by themselves. As of **1960** the PEN was assembled by Olympus. The camera was supplied with a **Zuiko 1:3,5 28 mm** lens which was only maximally **9,5 mm** out from the camera body. As shutter served a **Copal X** with the speeds **B, 25, 50, 100 und 200**. The aperture range was from **3,5 to 22**. In the View finder was a bright frame visible. The camera back was removable in one piece for changing films. The function was only manual. The first was with a single strap eye, later ones with two.

### Specifications Type: Olympus PEN

Engraving:	Olympus PEN ( at front )
Release date:	Oktober 1959
Body color:	chrome, partly gray
Leather color:	gray
Shutter:	Copal - X
Shutter-Speeds:	B, 1/25 to 1/200 sec.
Flash synchronisation:	X
Finder:	bright frame, parallax marks
Rangefinder:	none

## Olympus PEN

Film-Advance:	thumb - wheel ( at back )
Light meter:	none
Battery:	none
Lens:	D. Zuiko 1:3.5 f = 2.8 cm
F-Stop range:	3.5 to 22
Focusing:	0.5 m to infinite
Elements:	4
Groups:	3
Size:	110 x 70 x 42
Weight:	320 g
Price at release:	6.000 Yen



Pic. 69 Olympus PEN second version top





Pic. 70 Olympus PEN S 1:2,8

## Olympus PEN S 2.8 and Olympus PEN S 3,5

**1960** appeared the

**Olympus PEN S 2,8** which was built until **1964**.

The PEN S was similar to the Olympus PEN but was supplied with a **Zuiko 1:2,8 f 30 mm** and the Copal-X shutter offered **B, 8, 15, 30, 60, 125 und 250** speeds.

**1964** followed the

**Olympus PEN S 3,5** which was similar to the PEN S 2,8 but not so fast.

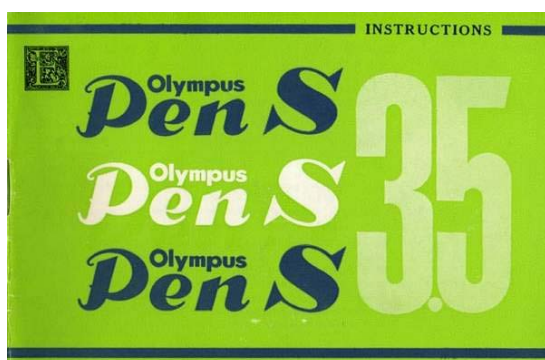
The PEN S 3,5 was supplied with a **Zuiko 1:3,5 f 30 mm** and was sold until **1967**.

### Specifications Type: Olympus PEN S

Engraving:	<b>Olympus PEN S ( S red )</b>
Release date:	
PEN S 2.8:	<b>June 1960</b>
PEN S 3.5:	<b>September 1964</b>
Body color:	<b>chrome</b>
Leather color:	<b>black</b>
Shutter:	<b>Copal X</b>
Shutter-Speeds:	<b>B, 1/8 bis 1/250 sec.</b>
Flash synchronisation:	<b>X</b>
Film-Advance:	<b>thumb wheel</b>
Light meter:	<b>none</b>
Battery:	<b>none</b>
Finder:	<b>bright frame, parallax marks</b>
Rangefinder:	<b>none</b>
Film-Advance:	<b>thumb wheel</b>

## Olympus PEN S

Exposure meter:	none
Battery:	none
Lens:	
PEN S 2.8:	D. Zuiko 1:2.8 f = 3 cm
PEN S 3.5:	D. Zuiko 1:3.5 f = 2.8 cm
F-Stop range:	
PEN S 2.8:	2.8 to 22
PEN S 3.5:	3.5 to 22
Focusing:	2 ft to infinite
Elements:	4
Groups:	3
Size:	113 x 68 x 42 mm
Weight:	ca. 330 g
Price at release:	
PEN S 2.8:	8.800 Yen
PEN S 3.5:	7.500 Yen.



Pic. 71 Manual Olympus PEN S 3,5



Pic. 72 Olympus PEN S 1:2,8 black



Pic. 73 Olympus PEN S 1:3,5



Pic. 74 Olympus PEN EE first and second version

## Olympus PEN EE

August **1961** presented the

### Olympus PEN EE

which was, compared to the models before, completely newly constructed. The PEN EE was now with a **selen light meter** and the meter cell around the lens. (**EE Electric Eye System**) The former models needed manual exposure setting but the PEN EE had an automatic setting.

**The PEN EE was a real snap shot camera.**

Due to the fair sales price, this small camera was very popular and sold in high numbers. The cameras from **1961** were marked on front with **Olympus**, the cameras built since 1962 with **Olympus PEN**.



Pic. 75 Olympus PEN EE first version top

## Olympus PEN EE

### Specifications Type: Olympus PEN EE

Engraving:	Olympus - PEN (first models only OLYMPUS) PEN - EE (on top)
Release date:	August 1961
Body color:	chrome, partly gray
Leather color:	gray
Shutter:	Copal - X automatic
Shutter-Speeds:	1/60 sec. fix
Flash synchronisation:	X
Finder:	bright frame
Rangefinder:	none
Film-Advance:	thumb wheel at back
Light meter:	Selenium cell (electric eye)
ASA:	10 to 200
Battery:	none
Lens:	D. Zuiko 1:3.5 f = 2.8 cm
F-Stop range:	3.5 to 16 automatic
Focusing:	fixed focus lens
Elements:	4
Groups:	3
Size:	113 x 68 x 42
Weight:	330 g
Price at release:	10.000 Yen



Pic. 76 Manual Olympus PEN EE





Pic. 77 Olympus PEN EE S - EL

## Olympus PEN EE -EL und EE S -EL

**1966** appeared the models

**Olympus PEN EE-EL**

and

**Olympus PEN EE S-EL**

which were equal to the  
**PEN EE** and **PEN EE S**.

The cameras were supplied with a new type of film take up spool for easier film loading.

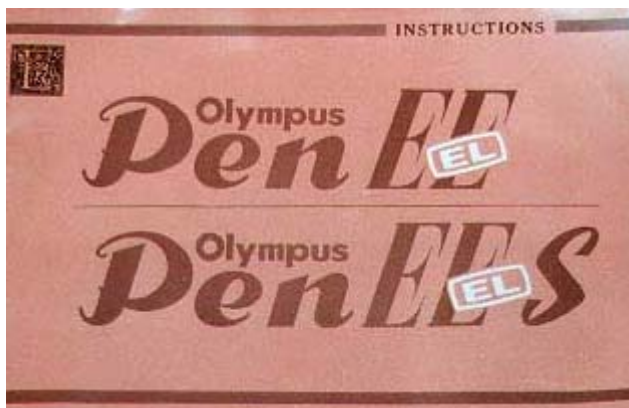
On the front was a small label marked **EL** which stood for **Easy Load**.

After a while, the label could be lost, due to the fact that it was only stuck on, so the EL-model must be identified by the 6 slot easy load spool.

Specifications same as **PEN - EE**  
and **PEN - EES**

Release Date: **Februar 1966**

Extras: **EL - Label**  
**6 slot easy load spool**



Pic. 78 Manual PEN EE + EE S EL



Pic. 79 Olympus PEN EE S first version

## Olympus PEN EES

**1962** appeared as further development, the Olympus PEN EE S

The **PEN EE S** was now supplied with the faster **D. Zuiko 1:2,8 f 3 cm**

The camera was marked on top with **PEN - EE** and the **serial-number**, at the front, near the view finder window with a red **S**.

The base plate was still one piece with the back and could be removed easily for changing films. The **PEN EE S** was sold until **1968**.



Pic. 80 Olympus PEN EES second version



## Olympus PEN EE S

### Specifications Type: Olympus PEN EES + PEN RAPID - EES

Engraving:	<b>OLYMPUS PEN and red S near the viewfinder window PEN - EE ( on top )</b>
and	<b>OLYMPUS - PEN RAPID and red S near the viewfinder window PEN RAPID - EE ( on top )</b>
Release date:	<b>September 1965</b>
Body color:	
PEN EES:	<b>chrome, partly gray</b>
PEN RAPID EES:	<b>chrome, black</b>
Leather color:	
PEN EES:	<b>gray</b>
PEN RAPID - EES:	<b>black</b>
Shutter:	<b>Copal X automatic</b>
Shutter-Speeds:	<b>automatic</b>
Flash synchronisation:	<b>X</b>
Finder:	<b>bright frame, parallax marks</b>
Rangefinder:	<b>none</b>
Film-Advance:	<b>thumb wheel</b>
Light meter:	<b>Selenium cell (electric eye)</b>
Battery:	<b>none</b>
Lens:	<b>D. Zuiko 1:2.8 f = 30 mm</b>
F-Stop range:	<b>2.8 to 22 automatic</b>
Focusing:	<b>3 symbols</b>
Elements:	<b>4</b>
Groups:	<b>3</b>
Size:	<b>113 x 68 x 46 mm</b>
Weight:	<b>330 g</b>
Price at release:	
PEN EES:	<b>11.000 Yen</b>
PEN RAPID - EES:	<b>not known</b>



Pic. 81 PEN EE S with box



Pic. 82 Olympus PEN D top

## The Olympus PEN D Models

**1962** also appeared the **Olympus PEN D**

The PEN D was a progressive camera, now supplied with the fast **F.Zuiko 1:1,9 f 3,2 cm**. The selen light meter was placed next to the view finder window. The meter scale on top indicated the light values. The meter reading had to be transferred manually for exposure setting.



Pic. 83 Olympus PEN D

## Olympus PEN D

**1964** followed the

**Olympus PEN D-2** which was almost similar to the **PEN D** but now with **Cds - light meter**. To run the light meter a battery was needed, which was stored in a small battery compartment.



Pic. 84 Olympus PEN D2

**1965** came the famous

**Olympus PEN D-3** on the market. The main points were similar to the PEN D-2 the **D-3** had once again a better and faster lens with maximal aperture **1:1,7**.



Pic. 85 Olympus PEN D3

## Olympus PEN D

**1966** came as last in the row of PEN D cameras, the **Olympus PEN D3 EL**. Similar to PEN D3 but additionally supplied with **Easy Load System (EL)**, a film take up spool with 6 slits. The camera was marked with the EL – Label on front.



Pic. 86 Olympus PEN D3 EL with manual

### Specifications Typ: Olympus D, D2, D3

Engraving:	Olympus - PEN (all models)
and	PEN - D ( on top )
Label:	
PEN D:	none
PEN D2:	Pen D2
PEN D3:	Pen D3
Release date:	
PEN D:	Juni 1962
PEN D2:	September 1964
PEN D3:	September 1965
Body color:	chrome
Leather color:	black
Shutter:	Copal X (all models)
Shutter-Speeds:	B, 1/8 bis 1/500 Sek.
Flash synchronisation:	X
Finder:	brightframe, parallax marks
Rangefinder:	none
Film-Advance:	thumb - wheel



## Olympus PEN D

Light meter:	
PEN D:	Selenium cell
PEN D2:	CdS
PEN D3:	CdS
ASA:	10 to 400
Battery:	
PEN D:	none
PEN D2:	1,35 V (MR-625R, PX 625, E 625)
PEN D3:	1,35 V (MR-625R, PX 625, E 625)
Lens:	
PEN D:	F. Zuiko 1:1.9 f = 3,2 cm
PEN D2:	F. Zuiko 1:1.7 f = 32 mm
PEN D3:	F. Zuiko 1:1.9 f = 32 mm
F-Stop range:	(1,7), 1,9 bis 16
Focusing:	0,8 m to infinite
Elements:	6
Groups:	5
Size:	115 x 68 x 50 mm
Weight:	390 g
Price at release:	
PEN D:	13.800 Yen
PEN D2:	15.800 Yen
PEN D3:	10.300 Yen



Pic. 87 Olympus PEN D manuals



Pic. 88 Olympus PEN W

## Olympus PEN W

**1964** came the **Olympus PEN W** into the shops.

The PEN W was the first camera produced and sold in black only. The little camera was similar to the **PEN S** but supplied with a **E. Zuiko 1:2,8 f 28 mm** wide angle lens. The PEN W was without light meter.

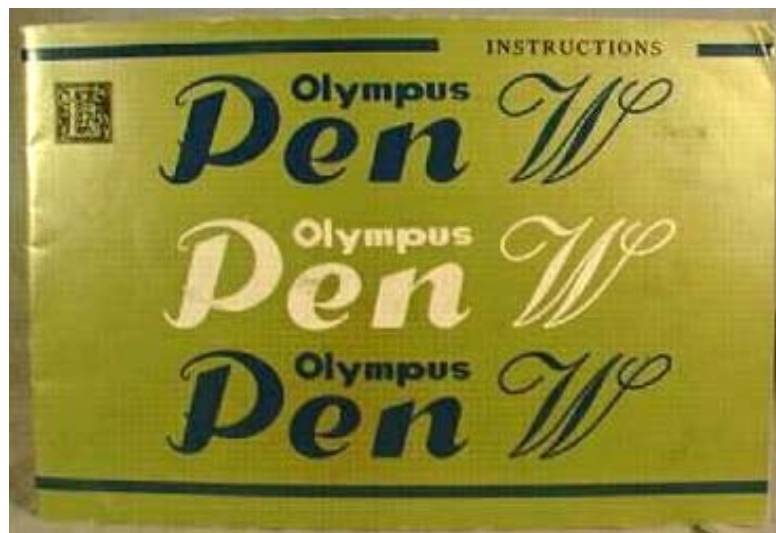
### Specifications Type: Olympus PEN W

Engraving:	<b>OLYMPUS - PEN W</b>
Release date:	<b>September 1964</b>
Body color:	<b>black</b>
Leather color:	<b>black</b>
Shutter:	<b>Copal - X</b>
Shutter-Speeds:	<b>B, 1/15 to 1/250 second</b>
Flash synchronisation:	<b>X</b>
Finder:	<b>bright frame, parallax marks</b>
Rangefinder:	<b>none</b>
Film-Advance:	<b>thumb wheel</b>
Light meter:	<b>none</b>
Battery:	<b>none</b>



## Olympus PEN W

Lens:	E. Zuiko 1:2.8 f = 25 mm
F-Stop range:	2.8 bis 22
Focusing:	2 ft to infinite
Elements:	5
Groups:	4
Price at release:	10.000 Yen



Pic. 89 Manual Olympus PEN W



Pic. 90 Olympus PEN W set



Pic. 91 Olympus PEN EM

## Olympus PEN EM

**1965** appeared the

**Olympus PEN EM.**

The PEN EM with new styled body was the only model of the PEN row with motor control for film transport and rewinding. The, with Cds light meter supplied camera, was supplied with a **F. Zuiko 1:2 /35 mm** lens.

**The PEN EM was produced until 1966.**



Pic. 92 Olympus PEM EM top

## Olympus PEN EM

### Specifications Type: Olympus EM

Engraving:	<b>Olympus - PEN EM</b>
and	<b>PEN - EM ( on top )</b>
Release date:	<b>June 1965</b>
Body color:	<b>chrome</b>
Leather color:	<b>black</b>
Shutter:	<b>Copal ELEC</b>
Shutter-Speeds:	<b>automatic</b>
Flash synchronisation:	<b>X</b>
Finder:	<b>brightframe, parallaxen marks</b>
Rangefinder:	<b>none</b>
Rangefinder:	<b>build in motordrive</b>
Light meter:	<b>CDS</b>
ASA:	<b>10 to 400</b>
Battery:	<b>2 x 1,5 V Mignon</b>
Extras:	<b>picture counter at bottom</b>
Lens:	<b>F. Zuiko 1:2 f = 35 mm</b>
F-Stop range:	<b>2 to 16</b>
Focusing:	<b>0,9 m to infinity</b>
Elements:	<b>6</b>
Groups:	<b>5</b>
Size:	<b>130 x 73 x 54 mm</b>
Weight:	<b>520 g ( without battery)</b>
Price at release:	<b>21.000 Yen</b>



Pic. 93 Olympus PEN EM softcase



Pic. 94 Olympus PEN EED

## Olympus PEN EED

**1967** in a newly designed body, the **Olympus PEN EED** was presented.

The camera was supplied with a Cds light meter, which controlled the camera **fully automatically** or by shutter speed. For poor light conditions there was a **red signal** for low light indication. (**Low Light Sign**) The EED was the first PEN model with self timer. The fast **F. Zuiko 1:1,7 f = 32 mm** made the PEN EED a famous product. For film loading, the hinged camera back could be opened by a small lever.

### Specifications Type: Olympus EED

Engraving:	<b>OLYMPUS - PEN</b>
and	<b>EED ( on top )</b>
Release date:	<b>March 1967</b>
Body color:	<b>chrome</b>
Leather color:	<b>black</b>
Shutter:	<b>Copal X</b>
Shutter-Speeds:	<b>1/15 to 1/500 sec. automatic</b>
Flash synchronisation:	<b>X</b>
Finder:	<b>bright frame, parallax marks</b>
Rangefinder:	<b>none</b>
Film-Advance:	<b>thumb wheel</b>

## Olympus PEN EED

Light meter:	CdS
ASA:	12 bis 400
Battery:	1,35 V (MR-625R, PX 625, E 625)
Exposure meter:	CdS
ASA:	12 bis 400
Battery:	1,35 V (MR-625R, PX 625, E 625)
Extras:	selftimer, hotshoe
Lens:	F. Zuiko 1:1.7 f = 32 mm
F-Stop range:	1.7 to 22 and auto
Focusing:	2.6 ft to infinite with stops at 4 and 10 ft
Elements:	6
Groups:	5
Size:	123 x 69 x 51 mm
Weight:	390 g
Price at release:	16.500 Yen



Pic. 95 Olympus PEN EED top





Pic. 96 Olympus PEN EES - 2 black and grey leather versions

## Olympus PEN EES-2

**1968** appeared the **Olympus PEN EES-2**

The camera offered automatic exposure control.

The selen cell of the light meter was placed around the lens.

On the focus ring the distance was indicated by four symbols which had to be clicked into place. There were models with black and gray leather.



Pic. 97 Olympus PEN EES - 2 black leather



## Olympus PEN EES - 2

### Specifications Typ: Olympus PEN EES - 2

Engraving:	<b>Olympus PEN EES - 2 (on top)</b>
Release date:	<b>March 1968</b>
Body color:	
Version 1:	<b>chrome, black</b>
Version 2:	<b>chrome, gray</b>
Leather color:	
Version 1:	<b>black</b>
Version 2:	<b>gray</b>
Shutter:	<b>Copal X automatic</b>
Shutter-Speeds:	<b>automatic</b>
Flash synchronisation:	<b>X</b>
Finder:	<b>bright frame, parallax marks</b>
Rangefinder:	<b>none</b>
Film Advance:	<b>thumb wheel</b>
Light meter:	<b>Selenium cell (electric eye)</b>
ASA:	<b>25 to 400</b>
Battery:	<b>none</b>
Lens:	<b>D. Zuiko 1:2,8 f = 30 mm</b>
F-Stop range:	<b>2,8 bis 22 automatic</b>
Focusing:	<b>4 click symbols</b>
Elements:	<b>4</b>
Groups:	<b>3</b>
Size:	<b>113 x 68 x 42 mm</b>
Weight:	<b>330 g</b>
Price at release:	<b>12.800 Yen</b>



Pic. 98 Olympus PEN EES - 2 with manual



Pic. 99 Olympus PEN EE - 2 grey leather

## Olympus PEN EE-2

**1968** appears also the

### Olympus PEN EE-2

This fully automatically controlled camera was supplied with a fix focus lens  
**D. Zuiko 1:3,5 f = 28 mm**  
 and was a well liked companion for snap shot exposures.



Pic. 100 Olympus PEN EE - 2 manual

## Olympus PEN EE - 2

### Specifications Type: Olympus PEN EE - 2

Engraving:	OLYMPUS - PEN
and	EE - 2 ( on top)
Release date:	May 1968
Body color:	chrome, parts gray
Leather color:	gray
Shutter:	Copal - X automatic
Shutter-Speeds:	1/40 and 1/200 sec. autom.
Flash synchronisation:	X
Finder:	bright frame
Rangefinder:	none
Film-Advance:	thumb wheel
Light meter:	Selenium cell (electric eye)
ASA:	25 to 400
Battery:	none
Lens:	D. Zuiko 1:3.5 f = 28 mm
F-Stop range:	3.5 to 22 automatic
Focusing:	Fix focus
Elements:	4
Groups:	3
Size:	113 x 70 x 44 mm
Weight:	300 g
Price at release:	11.000 Yen



Pic. 101 Olympus PEN EE - 2 black leather



Pic. 102 Olympus PEN EE - 3

## Olympus PEN EE - 3

**1973** came the **Olympus PEN EE-3** on the market.

It was basically a much better version of the **PEN EE**. Striking was the **black leather** and the **black view finder housing**.

The camera now had an accessory shoe with middle contact for the flash. (hot shoe)

The camera back was hinged and could be opened by a small lever. The exposure counter jumped to S automatically by opening the camera back. The serial number was engraved in the base plate.

The PEN EE-3 was supplied with the famous **D. Zuiko 1:3,5/ 28** lens.



Pic. 103 Olympus PEN EE - 3 top

## Olympus PEN EE - 3

### Specifications Type: Olympus PEN EE - 3

Engraving:	OLYMPUS - PEN
and	EE - 3 ( on top)
Release date:	May 1973
Body color:	chrome
Leather color:	black
Shutter:	Copal - X automatic
Shutter-Speeds:	1/40 to 1/200 sec. autom.
Flash synchronisation:	X
Extras:	hotshoe
Finder:	bright frame
Rangefinder:	none
Film-Advance:	thumb wheel
Light meter:	Selenium cell (electric eye)
ASA:	25 to 400
Battery:	none
Lens:	D. Zuiko 1:3.5 f = 28 mm
F-Stop range:	3.5 to 22 automatic
Focusing:	fix focus
Elements:	4
Groups:	3
Size:	113 x 70 x 44 mm
Weight:	280 g
Price at release:	15.800 Yen



Pic. 104 Olympus PEN EE - 3 backside





Pic. 105 Olympus PEN EF

## Olympus PEN EF

**1981** appeared as last in the row of Pen cameras, the

### Olympus PEN EF

The main feature of this black camera was the **built-in electronic flash light**. The camera had a program controlled shutter and was supplied with a **D. Zuiko 1:3,5 f = 28 mm** lens.

### Specifications Type: Olympus PEN EF

Engraving:	<b>Olympus ( front )</b>
and	<b>PEN EF ( on top )</b>
Release date:	<b>May 1981</b>
Body color:	<b>black</b>
Leather color:	<b>black</b>
Shutter:	<b>Copal X Programm</b>
Shutter-Speeds:	<b>1/30 to 1/250 sec. automatic</b>
Flash synchronisation:	<b>X</b>
Finder:	<b>bright frame, parallax marks</b>
Rangefinder:	<b>none</b>
Film-Advance:	<b>thumb wheel</b>
Light meter:	<b>Selenium cell (electric eye)</b>
ASA:	<b>25 to 400</b>
Battery:	<b>1,5 V ( for flash only )</b>
Extras:	<b>buildin electronic flash</b>
Lens:	<b>D. Zuiko 1:3,5 f = 28 mm</b>
F-Stop range:	<b>3,5 bis 22</b>
Elements:	<b>4</b>
Groups:	<b>3</b>
Price at release:	<b>24.800 Yen</b>





Pic. 106 Olympus - PEN RAPID EES

## Olympus - PEN RAPID EES

**1965** appeared for Agfa - Rapid film only, the

### Olympus - PEN RAPID EES

The camera came with full program controlled shutter and was supplied with the fast **D. Zuiko 1:2,8 f = 30 mm**. Constructed for the Agfa Rapid film pack, the Rapid EES was without film take-up spools. A film rewind was not necessary.

### Specifications Type: Olympus PEN - RAPID EES

Engraving:	<b>Olympus - PEN RAPID ( front)</b>
and	<b>PEN RAPID - EE ( on top )</b>
Release date:	<b>September 1965</b>
Body color:	<b>chrome</b>
Lather color:	<b>black</b>
Shutter:	<b>Copal X programm</b>
Shutter speeds:	<b>1/40 and 1/200 sec automatical</b>
For flash:	<b>1/40 sec and manual aperture setting</b>
Flash-synchronisation:	<b>X</b>
Finder:	<b>bright frame, parallax marks</b>
Range finder:	<b>none</b>
Film-Advance:	<b>thumb wheel</b>
Light meter:	<b>Selenium cell (electric eye)</b>
Battery:	<b>ohne</b>
Extras:	<b>no rewind system</b>
Lens:	<b>D. Zuiko 1:2,8 f = 30 mm</b>
F - stop range:	<b>2,8 bis 22 automatical</b>
Focusing:	<b>4 click stop symbols</b>
Elements: <b>4</b>	<b>Groups:         3</b>
Size:	<b>116 x 68 x 47 mm   Gewicht 320 g</b>
Price at release:	<b>not known</b>



Pic. 107 Olympus - PEN RAPID EED

## Olympus - PEN RAPID EED

**1965** appeared as second camera for Agfa - Rapid Film the

### Olympus - PEN RAPID EED

The camera came with full program controlled shutter and was supplied with the fast **F. Zuiko 1:1.7 f = 32 mm**. Constructed for the Agfa Rapid film pack, the Rapid EES was without film takeup spools. A film rewind was not necessary.

### Specifications Type: Olympus PEN – RAPID EED

Engraving:	<b>Olympus - PEN ( front)</b>
and	<b>RAPID - EED ( on top )</b>
Release date:	<b>September 1965</b>
Body color:	<b>chrome</b>
Lather color:	<b>black</b>
Shutter:	<b>program</b>
Shutter speeds:	<b>automatical</b>
For flash:	<b>1/40 sec and manual aperture setting</b>
Flash synchronisation:	<b>X</b>
Finder:	<b>bright frame, parallax marks</b>
Range finder:	<b>none</b>
Film-Advance:	<b>thumb wheel</b>
Light meter:	<b>CdS</b>
Battery:	<b>1,35 V (MR-625R, PX 625, E 625)</b>
Extras:	<b>no rewind system, selftimer</b>
Lens:	<b>F. Zuiko 1:1,7 f = 32 mm</b>
F-stop range:	<b>1,7 bis 22 automatical</b>
Fokusing:	<b>3 click stop symbols</b>
Elements:	<b>6</b>
Groups:	<b>5</b>
Price at release:	<b>not known</b>



# Olympus

*THE CLASSIC 35mm CAMERAS*

## Third Chapter

# The PEN REFLEX - SYSTEM F - FT – FV





Pic. 108 Manual Olympus PEN F

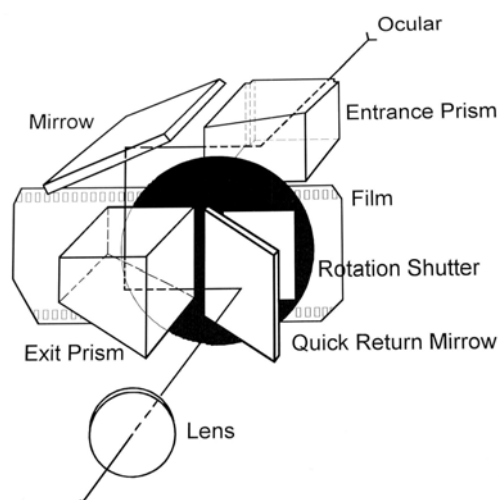
## PEN F Reflex Models

### General

Normally I collect view finder cameras only, but the single lens reflex cameras **PEN F, FT and FV** are an exception. They are compact like a view finder camera, handy and an essential escort for the photographer. There is always room for these reflex models. The half frame format saves changing the film at an inappropriate moment.

#### What's special about these cameras?

The compact body, the highly developed techniques and a great number of interchangeable lenses and optional accessories offers the user all possibilities, he can expect from a camera system. The consequences being good fotographical results. The extraordinary techniques of the **Porroprisma**, which, different to normal prisms, is placed into the camera body and the from Olympus developed **Rotation Shutter**, made it possible, to build one of the smallest single lens reflex cameras. The 35/1000 mm thin, Titan plated rotation shutter blade, rotates with a speed of **27 m per second** and is much faster than a normal slot shutter. During the exposure time, the whole picture field is free, so flash use is possible at all speeds. Finally, there are no distortions taking pictures from objects with high speed movements.



Pic. 109 View through the Porro Prism





Pic. 110 A small part of the Olympus-PEN F System



Pic. 111 Olympus PEN F with lightmeter

## The Olympus PEN F

**1963** appeared the first of the 35 mm half frame single lens reflex cameras, the

### Olympus PEN F

This camera was with a bayonet for interchangeable lenses and shipped with a **E. Zuiko 1:1,8/38 mm** lens as standard.

Alternatively the PEN F was available with the faster **G. Zuiko 1:1,4/40 mm**.

With the half frame format, 72 exposures are possible with a 36 exposure 35 mm film.

The camera became activated by **two strokes** with the film advance lever, the first for the shutter, the second for film transport.

The shutter speeds of the rotation shutter served from **1 sec** to **1/500 sec** in linear steps. There is a small bayonet to connect and couple the optional Olympus Pen F light meter to the camera body.

The camera, with flash synchron plug, was also **offered in black**.



Pic. 112 Olympus PEN F with standard lens

## Olympus PEN F

### Specifications Type: Olympus PEN F

Engraving:	Olympus PEN F
Release date:	September 1963
Body color:	chrome
Leather color:	black
Shutter:	Olympus Rotation Shutter
Shutter-Speeds:	B, 1 to 1/500 sec.
Flash synchronisation:	X
Finder:	reflex finder with Poro Prism
Film-Advance:	film advance lever (double stroke)
Light meter:	optional CDS meter
Battery:	1,35 V (MR-625R, PX 625, E 625) for optional meter only
Extras:	many accessories ( see accessories)
Lens:	F. Zuiko 1:1.8 f = 38 mm (standard lens)
F-Stop range:	1.8 to 16 (standard lens)
Focusing:	1.5 ft to infinite
Elements:	6
Groups:	5
Size:	130 x 70 x 70 mm
Weight:	560 g
Price at release:	26.500 Yen



Pic. 113 Olympus PEN F top



Pic. 114 Olympus PEN FT chrome and black

## The Olympus PEN FT

**1966** appeared the **Olympus PEN FT**

Like the **Olympus PEN F**, also the **PEN FT**, was a single lens reflex camera for half frame format, with bayonet for interchangeable lenses and shipped with a **E. Zuiko 1:1,8/38 mm** lens as standard.

Alternatively the **PEN FT** was available with the faster **G. Zuiko 1:1,4/40 mm**.

With the half frame format, 72 exposures are possible with a 36 exposure 35 mm film.

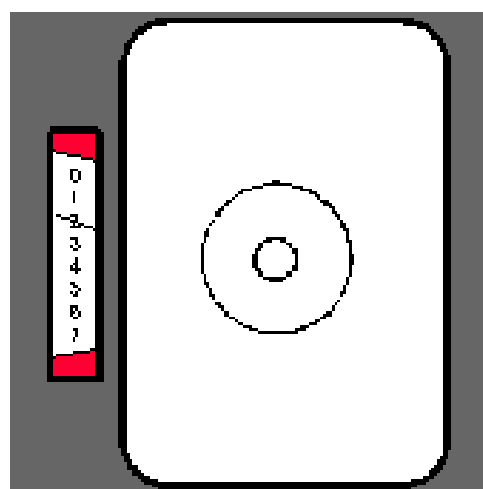
The newly developed film advance lever now needed **one stroke** only for shutter and film transport. The speed range of the rotation shutter was from **B, 1 to 1/500 sec** in linear steps..

The shutter speed wheel was without bayonet because the **Olympus PEN FT** now was supplied with a built-in light meter.

The camera, with synchronised flash plug, was also **offered in black**.



Pic. 115 Olympus PEN FT black



Pic. 116 Olympus PEN FT viewer screen



## Olympus PEN FT

### Specifications Type: Olympus PEN FT

Engraving:	Olympus PEN FT (on Top) Olympus PEN F (on Front)
Release date:	Oktober 1966
Body color:	chrome and black models
Leather color:	black
Shutter:	Olympus Rotation Shutter
Shutter-Speeds:	B, 1 to 1/500 sec.
Flash synchronisation:	X and M selecteable
Finder:	reflex-finder with Porro-Prism
Film-Advance:	film advance lever
Light meter:	CdS
ASA:	25 to 400
Battery:	1,3 V (MR-625R, PX 625, E 625)
Extras:	selftimer, many accessories (see accessories)
Lens:	F. Zuiko Auto-S 1:1.8 f = 38 mm
F-Stop range:	1.8 to 16
Focusing:	1.5 ft to infinite
Elements:	6
Groups:	5
Size:	130 x 70 x 65 mm
Weight:	600 g
Price at release:	32.200 Yen (FT chrom + F 1,8) 48.900 Yen (FT schwarz + F 1,2) 40.800 Yen (FT schwarz + F 1,4) 34.900 Yen (FT schwarz + F 1,8)



Pic. 117 Olympus PEN FT body top view



Pic. 118 Olympus PEN FV

## The Olympus PEN FV

**1967** appeared as last of the single lens reflex row of half frame cameras, the

### Olympus PEN FV.

This camera was with bayonet for interchangeable lenses and shipped with a **E. Zuiko 1:1,8/38 mm** lens as standard. Alternatively the PEN FT was available with the faster **G. Zuiko 1:1,4/40 mm**. With the half frame format, 72 exposures are possible with a 36 exposure 35 mm film.

The camera was in the main features a **simpler version of the Olympus FT** because it was without built-in light meter but now again with the small bayonet at the speed wheel for optional meter. The film advance lever activated the camera with **one stroke**.

The shutter speeds served from B, 1 to 1/500 sec. in linear steps. Also the **Olympus PEN FV** was available in black. but the **black FVs are extremely rare**.

The camera was with flash plug and synchronised in all speeds.

### Specifications Type: Olympus PEN FV

Engraving:	<b>PEN FV (on Top) and Olympus - PEN F (on Front)</b>
Release date:	<b>February 1967</b>
Body color:	<b>chrome and black models</b>
Leather color:	<b>black</b>
Shutter:	<b>Olympus Rotation Shutter</b>
Shutter-Speeds:	<b>B, 1 to 1/500 sec.</b>
Flash synchronisation:	<b>X</b>
Finder:	<b>reflex finder with Poro Prism</b>
Film-Advance:	<b>film advance lever (single stroke)</b>
Light meter:	<b>optional CDS meter connectable to the shutterspeed-wheel</b>
Battery:	<b>1,35 V (MR-625R, PX 625, E 625) for optional meter only</b>
Extras:	<b>selftimer, many accessories ( see accessories)</b>
Lens:	<b>F. Zuiko 1:1.8 f = 38 mm (standard lens)</b>



## Olympus PEN FV

Lens:	F. Zuiko 1:1.8 f = 38 mm (standard lens)
F-Stop range:	1.8 to 16 (standard lens)
Focusing:	1.5 ft to infinite
Elements:	6
Groups:	5
Size:	130 x 70 x 70 mm
Weight:	560 g ( with standard lens )
Price at release:	27.900 Yen



Pic. 119 Olympus PEN FV top



Pic. 120 PEN FV backside

## The Olympus Pen F Special Models

Olympus's starting point was the microscope technology, so it was quiet normal to develop single lens reflex cameras of the PEN row for microscophical photography. Some special models appeared and were used for medical and technical matters. These models offered the following features.



Pic. 121 PEN F with technical adapter

### Olympus PEN F Mikroskop-Kamera

All features like the PEN F but with a round view finder picture with a thin crosswire for adjustment. No special engraving. These cameras were distributed with normal microscope adapter.



Pic. 122 Olympus PEN F microscope camera

### Olympus PEN F Medical use

All features like the PEN F but with a oval view finder picture with a thin crosswire for adjustment. These cameras were with special engraving **Medical use Type 3** on the back. The adapters **SF33E**, **SF40B** and **SF40EL** were available .



Pic. 123 Olympus PEN F medical type 3

## Olympus PEN FT Special Mode



Pic. 124 Olympus PEN mit microscope adapter set

## Olympus PEN FT Microscope-Camera

Similar to the PEN FT but with a round view finder picture and a thin crosswire for adjustment, without self timer and light meter. These cameras, **available in chrom and black enameled**, was without special engraving.



Pic. 125 Olympus PEN FT microscope camera

## Olympus PEN FT Cutaway Modell

Minimal one known piece.

A **PEN FT** with **Zuiko Zoom 50 - 90 mm**. It is assumed, that Mr. Yoshihisa Maitani, the great developer of the PEN Single Lens Reflex Cameras himself, ordered this camera. This model was offered and sold at the Cornwall Auction, Cologne September 2001.

## The Olympus PEN F/FT und FV System Lenses

The interchangeable lenses of the PEN row fit to all PEN Single Reflex Models. But there is a small difference between the PEN F and the PEN FT lenses. A PEN F lens doesn't have the lightvalue scale at the aperture ring.. A PEN FT lens has both, a aperture and a lightvalue scale. By pulling the aperture ring and turn 180 grad, the needed scale will be selected. The lightvalue scale shows marks from 0 to 6 (on some lenses different). The lightmeter readout value has to be transferred manually to the corresponding mark at the aperture ring.

### The Lens indication

The letter in front of-- **Zuiko** -- indicates the number of lenses A=1, B=2 and so on. F. or F.C. after the -- **Zuiko** -- means coated or fully coated  
**Auto-W** = Wide Angle Lens, **Auto-S** = Standard Lens and **Auto-T** = Tele Lens.



Pic. 126 Olympus Pen Lenses – a small collection

## **The G. Zuiko Auto -W 1:2.8 f = 25 mm**

A dream of a wide angle lens. High sharpness and very solid construction are the outstanding attributes of this interchangeable **Zuiko** lens.

**The comlet set included lens, case, front- and rear cover**

Typ:	<b>wide angle lens</b>
Lenses:	<b>7</b>
Groups:	<b>5</b>
Sight Angle:	<b>62 degree</b>
Field (close ):	<b>17.3x12.6 cm</b>
Focal distance at 24x36:	<b>35 mm</b>
Lightvalue scale:	<b>0 - 5</b>
F-stop:	<b>2.8 to 16</b>
Focusing:	<b>25 cm to infinity</b>
Filter:	<b>43 mm</b>
Weight:	<b>160 g</b>
Length:	<b>52 mm</b>



Pic. 127 G. Zuiko Auto -W 1:2,8 f = 25 mm



## **The G. Zuiko Auto -W 1: 3.5 f = 20 mm**

A solid constructed wide angle lens with high sharpness and outstanding resolution. With **41 mm only**, the lens is the compactes in the row of **PEN** wide angle lenses.

**The comlet set included lens, case, front- and rear cover**

Type:	<b>wide angle lens</b>
Lenses:	<b>7</b>
Elements:	<b>5</b>
Sight Angle:	<b>73 degree</b>
Field(close):	<b>16.9x12.3 cm</b>
Focal Distance at 24x36:	<b>28 mm</b>
Lightvlue scale:	<b>0 - 4</b>
F-Stop:	<b>3.5 - 16</b>
Focal:	<b>20 cm to infinite</b>
Filter:	<b>43 mm</b>
Weight:	<b>145 g</b>
Length:	<b>41 mm</b>



**Pic. 128 G. Zuiko Auto -W 1:3,5 f = 20 mm**



### **The E. Zuiko Auto -W 1:4 f = 25 mm**

This solid build wide angle lens was a inexpensive alternativ. With **F-stop 1:4** not so fast but from high optical quality. A compact interchangeable lens for best resolds.

**The comlet set included lens, case, front- and rear cover**

Type:	<b>wide angle lens</b>
Lenses:	<b>5</b>
Elements:	<b>4</b>
Sight Angle:	<b>62 degree</b>
Field(close):	<b>17.3x12.6 cm</b>
Focal Distance at 24x36:	<b>35 mm</b>
Lightvalue scale:	<b>0 to 4</b>
F-Stop:	<b>4 to 16</b>
Focal:	<b>25 cm to infinite</b>
Filter:	<b>43 mm</b>
Weight:	<b>120 g</b>
Length:	<b>30 mm</b>



Pic. 129 E. Zuiko Auto -W 1:4 f = 25 mm

## **The F. Zuiko Auto - S 1: 1.8 f = 38 mm**

The **F. Zuiko Auto - S 1,8/38 mm** was the standard-lens of the **PEN** single lens reflex models. High sharpness, extraordinary optical quality and the very compact construction are the attributes of this interchangeable lens.

**The comlet set included lens, case, front- and rear cover**

<b>Type:</b>	<b>standard lens</b>
Lenses:	<b>6</b>
Elements:	<b>5</b>
Sight Angle:	<b>43 degree</b>
Field(close):	<b>17.5x12.8 cm</b>
Focal distance at 24x36:	<b>55 mm</b>
Lightvalue scale:	<b>0 - 6</b>
Apertures:	<b>1.8 - 16</b>
Focal:	<b>35 cm to infinite</b>
Filter:	<b>43 mm</b>
Weight:	<b>135 g</b>
Length:	<b>35 mm</b>



**Pic. 130 F. Zuiko Auto - S 1:1,8 f = 38 mm**

## The E. Zuiko Auto - S 1: 2.8 f = 38 mm

There are two versions,  
the normal constructed, like the 1.8 / 38 mm and the very popular flat version.

With only **14 mm Length** the **E. Zuiko Auto - S 2,8/38 mm** is the compactest PEN Zuiko lens and highly wanted by users and collectors as well.

In the USA this lens got the nickname -- **Pancake Lens** --

**This lens makes the PEN Single Lens Reflex camera, a real pocket camera. The comlet set included lens, case, front- and rear cover**

Type:	standard lens
Lenses:	5
Elements:	4
Sight Angle:	43 degree
Field(close):	40.5x29.4 cm
Focal Distance at 24x36:	55 mm
Lightvalue scale:	0 to 5
F-Stop:	2.8 to 16
Focal:	80 cm to infinite
Filter:	43 mm
Weight:	70 g
Length:	14 mm !!



Pic. 131 E. Zuiko Auto - S 1:2,8 f = 38 mm



Pic. 131a E. Zuiko Auto-S 2.8 / 38 mm – Pancake –

## **The E. Zuiko Auto Macro 1: 3.5 f = 38 mm**

Absolutely one of the best lenses ever made. With the macro range this lens opened the way to outstanding close up shots. The high sharpness and resolution made this lens to one of the most wanted Zuiko lens in this days.

**The comlet set included lens, case, front- and rear cover**

Type:	standard lens
Lenses:	5
Elements:	4
Sight Angle:	43 degree
Field(close):	4.0x2.9 cm
Focal Distance at 24x36:	55 mm
Lightvlue scale:	0 to 4
F-Stop:	3.5 to 16
Focal:	16 cm to infinite
Filter:	43 mm
Weight:	180 g
Length:	45 mm



**Pic. 132 E. Zuiko Auto - Macro 1:3,5 f = 38 mm**

## The G. Zuiko Auto - S 1:1.4 f = 40 mm

Das G. Zuiko Auto - S 1:1,4 f = 40 mm was offered alternatily to the  
F. Zuiko Auto - S 1:1,8 f = 38 mm as **standard - lens**

With the same optical characteristic but not so compact. A fast lens with high sharpness.

**The comlet set included lens, case, front- and rear cover**

Type:	standard lense
Lenses:	7
Elements:	6
Sight Angle:	41 degree
Field(close):	16.6x12.1 cm
Focal Distance at 24x36:	58 mm
Lightvalue scale:	0 - 6
F-Stop:	1.4 - 16
Focal:	35 cm to infinite
Filter:	43 mm
Weight:	165 g
Length:	41 mm



Pic. 133 G. Zuiko Auto - S 1:1,4 f = 40 mm



## **The H. Zuiko Auto - S 1: 1.2 f = 42 mm**

The **H. Zuiko Auto - S 1.2 f = 42 mm** is one of the outstanding Zuiko lenses. In the macro range close up exposures up to only **35mm** are possible. The sharpness of these lens was extraordinary high.

**The comlet set included lens, case, front- and rear cover**

Type:	<b>standard lens</b>
Lenses:	<b>8</b>
Elements:	<b>6</b>
Sight Angle:	<b>39 degree</b>
Field(close):	<b>15.6x11.4 cm</b>
Focal Distance at 24x36:	<b>60 mm</b>
Lightvalue scale:	<b>0 - 6</b>
F-Stop:	<b>1.2 - 16</b>
Focus:	<b>35 cm to infinite</b>
Filter:	<b>49 mm</b>
Weight:	<b>255 g</b>
Length:	<b>50 mm</b>



Pic. 134 H. Zuiko Auto - S 1:1,2 f = 42 mm



## The G. Zuiko Auto -T 1: 1.5 f = 60 mm

The **G. Zuiko Auto - T 1,5 f = 60 mm** is one of the most wanted Zuiko lenses. The very fast lens with **1:1,5** aperture and a focal distance of **60 mm** offers a lot of photographic possibilities. **Sharpness and resolution are proverbial.**

**The complete set included lens, case, front- and rear cover**

Type:	tele lens
Lenses:	7
Elements:	5
Sight Angle:	28 degree
Field(close):	27.3x19.9 cm
Focal Distance at 24x36:	85 mm
Lightvalue scale:	0 - 6
F-Stop:	1.5 - 16
Focal:	80 cm to infinite
Filter:	49 mm
Weight:	270 g
Length:	57 mm



Pic. 135 G. Zuiko Auto -T 1:1,5 f = 60 mm

## The F. Zuiko Auto -T 1:2 f = 70 mm

The **F. Zuiko Auto - T 1:2 f = 70 mm** was a compromis between the **40 mm** standard lens and **100 mm** tele Zuiko.

**The comlet set included lens, case, shade, front- and rear cover**

Type:	tele lens
Lenses:	6
Elements:	5
Sight Angle:	24 degree
Field(close):	23.1x16.8 cm
Focal Distance at 24x36:	100 mm
Lightvalue scale:	0.5 to 7
F-Stop:	2 to 22
Focal:	80 cm til infinite
Filter:	43 mm
Weight:	230 g
Length:	73 mm
Special:	shade uncluded



Pic. 136 F. Zuiko Auto -T 1:2 f = 70 mm

## **The E. Zuiko Auto -T 1: 3.5 f = 100 mm**

With **100 mm** focal distance **E. Zuiko Auto - T 1:3,5 f = 100 mm** corresponds to **135 mm lens** for 24 x 36 full size. A very popular lens.

**The comlet set included lens, case, shade, front- and rear cover**

Type:	tele lens
Lenses:	5
Elements:	4
Sight Angle:	17 degree
Field(close):	31.1x22.7 cm
Focal Distance at 24x36:	143mm
Lightvalue scale:	1 to 6
F-Stop:	3.5 to 22
Focal:	1.5 m to infinite
Filter:	43 mm
Weight:	250 g
Length:	81 mm
Special:	shade included



Pic. 137 E. Zuiko Auto-T 1:3,5 f = 100 mm

## **The E. Zuiko Auto -T 1: 4 f = 150 mm**

A solid constructed Tele lens many sided use.

**The comlet set included lens, case, front- and rear cover**

Type:	tele lens
Lenses:	5
Elements:	4
Sight Angle:	12 degree
Field(close):	22.4x16.4 cm
Focal Distance at 24x36:	210 mm
Lightvalue scale:	1 to 5
F-Stop:	4 to 22
Focal:	1.7 m to infinite
Filter:	49 mm
Weight:	380 g
Length:	127 mm
Special:	buildin shade



Pic. 138 E. Zuiko Auto -T 1:4 f = 150 mm

## **The E. Zuiko Auto -T 1: 5 f = 250 mm**

A well constructed lens for long distance shots and best optical resolds.

**The comlet set included lens, case, front- and rear cover**

Typ:	tele lens
Lenses:	5
Groups:	3
Sight Angle:	7 degree
Field(close):	27.6x20.1 cm
Focal Distance at 24x36:	360 mm
Lightvalue scale:	1 - 6
F-Stop:	5 - 32
Focusing:	3.5 m to infinity
Filter:	58 mm
Weight:	800 g
Extras:	fixed shade
Length:	186 mm



Pic. 139 E. Zuiko Auto -T 1:5 f = 250 mm

## **The E. Zuiko Auto -T 1: 6.3 f = 400 mm**

With **1750 g** this solidly 400 mm tele lens is not a lightweight.

**The comlet set included lens, case, front- and rear cover**

Typ:	<b>tele lens</b>
Lenses:	<b>5</b>
Groups:	<b>4</b>
Sight Angle:	<b>4 degree</b>
Field(close):	<b>24.0x17.5 cm</b>
Focal Distance at 24x36:	<b>580 mm</b>
Lightvalue scale:	<b>1 - 5</b>
F-Stop:	<b>6.3 - 32</b>
Focusing:	<b>5 m to infinity</b>
Filter:	<b>72 mm</b>
Weight:	<b>1750 g</b>
Extras:	<b>fixed shade</b>
Length:	<b>289 mm</b>

## **The Zuiko Mirror T 1: 8 f = 800 mm**

The onliest Mirrow tele lens in the PEN Zuiko lens row. The lens is very solidly constructed and with 2450 gram very heavy.

**The comlet set included lens, case, front- and rear cover**

Typ:	<b>tele – mirrow lens</b>
Lenses:	<b>5</b>
Groups:	<b>4</b>
Sight Angle:	<b>2 degree</b>
Field(close):	<b>48.0x35.0 cm</b>
Focal Distance at 24x36:	<b>1150 mm</b>
Lightvalue scale:	<b>none</b>
F-Stop:	<b>8</b>
Focusing:	<b>16 m to infinity</b>
Filter:	<b>25.5 mm</b>
Weight:	<b>2450 g</b>
Extras:	<b>shade included</b>
Length:	<b>315 mm</b>



## The Zuiko Auto Zoom 50 - 90 mm

A solid zoom lens with a focal distance from 50 to 90 mm which offers a great field of use.

**The comlet set included lens, shade, case, front- and rear cover**

Type:	zoom - lens
Lenses:	10
Elements:	8
Sight Angle:	34 - 19 degree
Field (close):	60.7x44.2 - 33.8x24.6 cm
Focal Distance at 24x36:	70 to 130 mm
Lightvalue scale:	0.5 to 4
F-Stop:	3.5 to 16
Focal:	1.5 m to infinite
Filter:	49 mm
Weight:	420 g
Length:	116 mm
Spezial:	shade included



Pic. 140 Zuiko Auto-Zoom 50 - 90 mm

## **The Zuiko Zoom 1: 5 f = 100 - 200 mm**

A very solid build zoom lens for long distances. The lens was delivered as a complete set with lens case, front- and rear cover. The move out shade was fix supplied to the lens.

### **Specifications Type: Zuiko Zoom 1: 5 f = 100 - 200 mm**

Type:	<b>Zoom Objektiv</b>
Lenses:	<b>12</b>
Elements:	<b>9</b>
Sight Angle:	<b>17 - 9 degree</b>
Field(close):	<b>33.2x24.2 - 16.6x12.1 mm</b>
Focal Distance at 24x36:	<b>143-288</b>
Lightvalue scale:	<b>1 - 6</b>
F-Stop:	<b>5 - 32</b>
Focus:	<b>1,7 m to infinite</b>
Extras:	<b>fixed shade</b>
Filter:	<b>49 mm</b>
Weight:	<b>700 Gram</b>
Length:	<b>186 mm</b>



Pic. 141 Zuiko Auto-Zoom 100 - 200 mm

## The Technical Accessories General

Das es sich bei den einäugigen Spiegelreflexmodellen **PEN F**, **FT** und **FV** um echte System-Kameras handelt, beweist auch das Angebot an reichhaltigem Zubehör, dass einen fast grenzenlosen Ausbau und eine große Vielfalt an Möglichkeiten bietet.

Das optionale, technische Zubehör, lässt beim anspruchsvollen Anwender, keinen Wunsch offen.

Durch die Vielzahl an technischem Zubehör und Hilfsmitteln ließen sich auch spezielle fotografische Aufgaben und Anforderungen erfüllen.



Pic. 142 PEN F softcase and manual



Pic. 143 PEN F adapter N

## The Lens Mount Adapters

The PEN Single Lens Reflex Models were very popular and many of the photographer used this small camera as spare but they like to use the lenses of the other brands as well. For that reason, **Olympus** developed a series of adapters to make the use of these lenses possible.

The following adapters were developed:

**Olympus PEN F Mount Adapter C** for Canon Lenses  
**Olympus PEN F Mount Adapter E** for Exakta Lenses  
**Olympus PEN F Mount Adapter L** for Leica M 39 Lenses (Close Up only)  
**Olympus PEN F Mount Adapter N** for Nikon Lenses  
**Olympus PEN F Mount Adapter P** for Praktika Lenses (**M 42**) and the  
**Olympus OM Lens Mount Adapter PEN F** for Olympus OM Lenses

A **T2 Adapter** was offered from Soligor and Sacura ( **from Olympus not available** )



Pic. 144 PEN adapter N



Pic. 145 PEN adapter E



Pic. 146 PEN adapter OM



Pic. 147 PEN adapter P



Pic. 148 PEN adapter L



Pic. 149 T2 adapter from SOLIGOR



## The Technical Adapters

The **Microscope Adapter** connected the Pen Single Reflex Cameras to **Olympus** Microscopes with 25 mm oculars.



Pic. 150 Microscope adapter

The **Scientific Adapter** was used to fix photographic problems and connected the PEN Singel Lens Reflex Cameras to laboratory units.

The **Medical/Technical Adapter SF 33E, SF40B and SF40EL** was used with endoscopic units.



Pic. 151 Scientific adapter



Pic. 152 Medical adapter



Pic. 153 Adapter SF33E -- Olympus PEN F Bayonet

## The Eye Correction Lens Holder

The original Correction Lens Adapter fits in a leading at the viewfinder eyepiece and was used to hold the Eye Correction Lenses. Olympus offered lenses with -5, -3 und +1 dioptre. Other values could be ordered at the optical store.



Pic. 154 Correction Lens Adapter with correction Lenses -5, -3 and +1

For individual view, there are also correction lenses holders for changeable lenses



Pic. 155 Correction Lens Adapter

## Importante for collectors !

Using the Correction Lens Adapter will make bright mark at the camera body and will reduce the value of the camera.



## The Bellows 1 and 2 with Slide Copier and Camera Slider

The bellows are used to extend the work - range of the camera for close focus exposure. Different as with extensions tubes, with bellows the adjustments can be done continuously. The bellows 1, first on the market was supplied with only one adjustment shaft, the later bellows 2 was with two.

The range could be adjusted between 26.6 and 98.8 mm. For easier adjustment, the shaft was marked from 3 to 9 in half point steps. The connected camera could be used in horizontal or vertical position.

As optional accessories, for both Bellows a Slide Copier and a camera slider was available.



Pic. 156 Bellows 1 complet



Pic. 157 Bellows 2 complet



Pic. 158 Bellows 2 camera flange



Pic. 159 Camera slider bellows 1

## The PEN F / FV Lightmeter

The cameras **Pen F** and **FV** are different to the **Pen FT**, without built-in lightmeter. As optional accessory, **Olympus** developed a lightmeter which was connected to the camera body by a small bayonet at the speedwheel. The CDS lightmeter needed a battery which was stored in a small compartment at the back. The meter was coupled to the camera and the exposure speed was easily adjusted by a wheel directly at the meter.



Pic. 160 Olympus PEN F lightmeter



Pic. 161 Lightmeter attached to the PEN FV

## The Viewer Magnifier

With the Viewer Magnifier connected to the Viewfinder-Eyepiece, focusing is much easier. Mainly for close up the magnifier was very helpful.



Pic. 162 Olympus PEN viewer magnifier

## Importante for collectors !

Using the Viewer Magnifier will make bright mark at the camera body and will reduce the value of the camera.

## The Filters and Shades

To support the creative photographer Olympus offered the following filters:

A1, 81C, 82C, Yellow, Conversion- and UV-Filter.

All Filters was produced in 43 and 49 mm.

To prevent strange light, a serie of Lens shades was available. Some was inluded to the lens, some permanent build in and some optional.



Pic. 163 Olympus PEN filter



Pic. 164 Olympus PEN F shades



## The Closeup Stand PEN-UP3

The Repro Stand **UP3** was used to prepare fototechnical copies of pictures, book sheets and other flat items.

Used on a PEN Single Reflex Camera, a close up lens was not necessary.

The **UP3** made photograph in the close up range much easier.



Pic. 165 Olympus PEN closeup stand UP 3

## The Reverse-Ring

The lens reversing ring set made by Olympus to attache the PEN F/FT lenses with a 43mm filter size and to use them reversed on the PEN Single Reflex Cameras. The set comes in two pieces. One mounts to the front of the lens by a screw which tightens around the front barrel, the other attaches to the rear of the lens and provides a new filter thread and covers the lens bayonet. Now revers attaches to the camera, the lens was useable for **macro shots**



Pic. 166 Reverse ring set



Pic. 167 Reverse ring attached

## The Tele-Converters (not original from Olympus)

There was no Tele-Converter produced by **Olympus** but different companies like **Kenko**, **Soligor** and **Vivitar** filled this gap



Pic. 168 Kenko Tele - Converter 2 X



Pic. 169 Vivitar Tele - Converter 2 X

The Tele-converter was used to expand the focal distances of the selected lens according to the conversion factor. Usual was a 2x factor but there was also a 3x converter offered by Vivitar.



Pic. 170 Vivitar Tele - Converter 3 X

## The Angle Finder

With the Angle Finder connected to the eye piece of the camera, close up shoots are much easier. Mainly for exposures in chest level. The Angle Finder could be turned in all directions and so used for camouflage actions too.



Pic. 171 Angle finder

## The Angle Finder Magnifier

The Angle Magnifier was used for exact focusing mainly in the close up range. The Angle Magnifier could be turned in all directions.



Pic. 172 Olympus PEN F angle magnifier

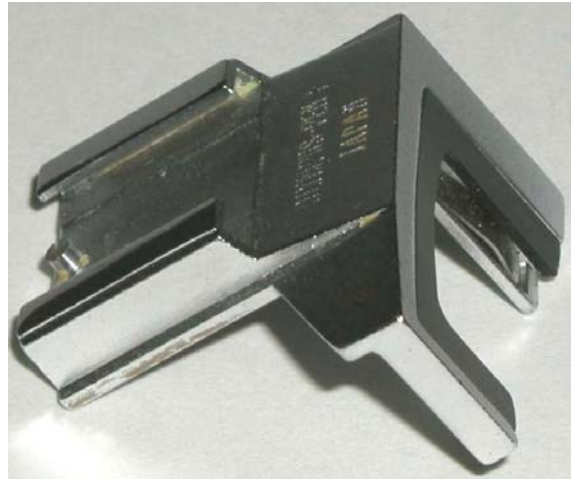


## The Accessorie Shoe

Der von **Olympus** entwickelte Zubehörschuh wurde in die Führungsnut am Sucherokular Rahmen gesteckt und diente zur Aufnahme von Blitzgeräten und anderem Zubehör. **Es gab 2 Versionen.**



Pic. 173 PEN F accessorie shoe 1. version



Pic. 174 PEN F accessorie shoe 2. version

### Wichtig für Sammler

Durch das Aufstecken des Zubehörschuhs kommt es zu Reibespuren am Kameragehäuse. Dies kann den sammlerischen Wert der Kamera erheblich vermindern.

## The Extantion Tubes

Zwischen Kamera und Objektiv gesetzt, erweiterten sie den **Naheinstellbereich**. Der von Olympus angebotene Satz besteht aus vier Teilen, dem **Anschlussring**, zwei **Distanzringen** und dem **Aufnahmering**. Damit konnten drei verschiedene Brennweiten - Kombinationen mit **allen Olympus PEN F/FT Objektiven** gewählt werden.



Pic. 175 Extantion tubes set with case

## Other Accessories

The following accessories for the PEN Single Lens Reflex Models was offered also:

Case F

Case FT

Camera Body Cover

Camera Holder

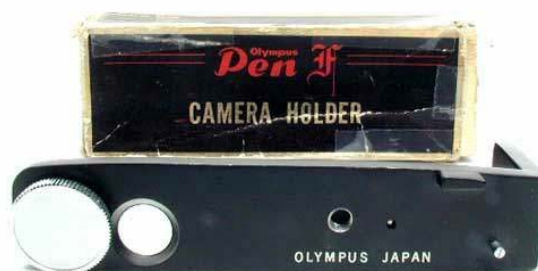
Close Up Lenses

Lens Cases

Lens Covers (Front & Back)



Pic. 176 Olympus PEN F case



Pic. 177 PEN F camera holder



Pic. 178 PEN F body cover



Pic. 179 Pen F lens front cover

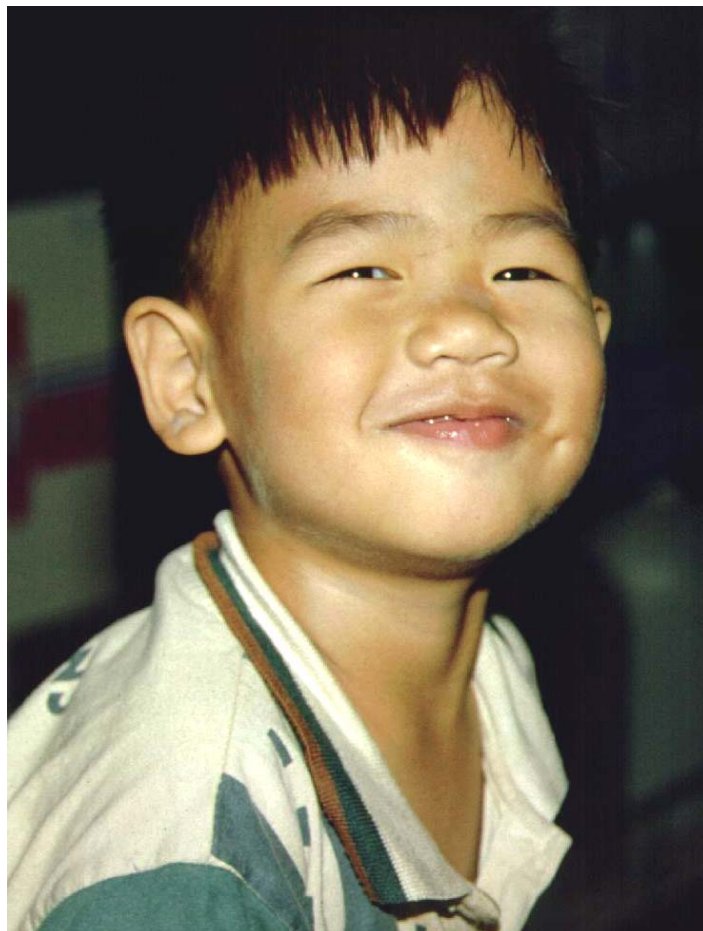
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Olympus Publication	Manuals and Sales Pamphlets
Pictures	Own Pictures and downloads from the Internet

I like to thank all, who shared their knowlege with me.

Agfa, Exakta, Leica, Nikon, Olympus and Praktika are registered trade names



Pic. 180 With PEN FT Zuiko - S 1:1,8 f = 38 mm

## Appendix B

### OLYMPUS Collection *The Cameras*

Model	Serial No.	Serial No.	Serial No.	Serial No.	Serial No.
35 I					
35 III					
35 IV occupied Japan					
35 IV made in Japan					
35 IV a					
35 IV b					
35 V a					
35 V b					
35 S 3,5/40 1. version					
35 S 1,9					
35 S 2,8					
35 S 3,5 2. version					
WIDE					
WIDE - E					
WIDE - S					
WIDE - II					
35 K					
35 S II 1,8					
35 S II 2,8					
35 S II 2					
ACE					
ACE - E					
AUTO					
AUTO - B					
AUTO - EYE 1. version					
AUTO - EYE 2. version					
AUTO - EYE II					
S Electro Set					
SC					
LE					
LC					
SP chrom					
SP schwarz					
SPn					
UC					
EC chrom					
EC schwarz					
EC - 2					
ECR					
ED					

**Olympus** *THE CLASSIC 35mm CAMERAS From 1948 to 1980*

**OLYMPUS Collection** *THE CAMERAS*

**Model**                      **Serial No.**   **Serial No.**   **Serial No.**   **Serial No.**   **Serial No.**

DC					
RC					
RD					
TRIP 35 chrome					
TRIP 35 black					
PEN 1. version					
PEN 2. version					
PEN S 2,8					
PEN S 2,8 black					
PEN S 3,5					
PEN EE 1. version					
PEN EE 2. version					
PEN EE EL					
PEN EE S 1. version					
PEN EE S 2. version					
PEN EE S EL					
PEN D					
PEN D2					
PEN D3					
PEN D3 EL					
PEN W					
PEN EM					
PEN EED					
PEN EE S – 2 gray					
PEN EE S - 2 black					
PEN EE - 2 gray					
PEN EE - 2 black					
PEN EE - 3					
PEN EF					
PEN RAPID EE S					
PEN RAPID EED					
PEN F					
PEN FT chrome					
PEN FT black					
PEN FV					
PEN F spezial model					
PEN FT special. chrome					
PEN FT special. black					



Model	Serial No.	Serial No.	Serial No.	Serial No.	Serial No.
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Wide Angle Lens					
G. Zuiko -W 1:2,8 f = 25 F					
G. Zuiko -W 1:2,8 f = 25 FT					
G. Zuiko -W 1:3,5 f = 20 F					
G. Zuiko -W 1:3,5 f = 20 FT					
E. Zuiko -W 1: 4 f = 25 F					
E. Zuiko -W 1: 4 f = 25 FT					
Standard					
F. Zuiko -S 1:1,8 f = 38 F					
F. Zuiko -S 1:1,8 f = 38 FT					
E. Zuiko -S 1:2,8 f = 38 F					
E. Zuiko -S 1:2,8 f = 38 FT					
F. Zuiko -S 1:3,5 f = 38 mac F					
F. Zuiko -S 1:3,5 f = 38 mac FT					
G. Zuiko -S 1:1,4 f = 40 F					
G. Zuiko -S 1:1,4 f = 40 FT					
H. Zuiko -S 1:1,2 f = 42 F					
H. Zuiko -S 1:1,2 f = 42 FT					
Tele					
G. Zuiko -T 1:1,5 f = 60 F					
G. Zuiko -T 1:1,5 f = 60 FT					
F. Zuiko -T 1:2 f = 70 F					
F. Zuiko -T 1:2 f = 70 FT					
E. Zuiko -T 1:3,5 f = 100 F					
E. Zuiko -T 1:3,5 f = 100 FT					
E. Zuiko -T 1:4 f = 150 F					
E. Zuiko -T 1:4 f = 150 FT					
E. Zuiko -T 1:5 f = 250 F					
E. Zuiko -T 1:5 f = 250 FT					
E. Zuiko -T 1:6,3 f = 400					
Zuiko Mirror-T 1:8 f = 800					
Zoom					
Zuiko Zoom 50 bis 90 mm					
Zuiko Zoom 100 bis 200 mm					



**Claus Marin**

**THE CLASSIC 35mm CAMERAS From 1948 to 1980**  
**PICTURES, FACTS AND INFORMATIONS FOR COLLECTORS**  
**AND ALL WITH INTEREST**