CONTAX

Real Time System



Real Time Photography Comes of Age

Contax RTS A Professional Camera That Deserves the Name



Now embracing three completely different cameras, the Real Time System has finally come of age. The photographer can select the body which perfectly matches his needs. And still have access to many of the Real Time accessories that make this system so outstanding. Plus the superb optics by Carl Zeiss of West Germany.

Real Time photography is a concept created to meet the needs of the working professional and advanced amateur as well. It encompasses a system of accessories like the Professional Motor Drive, Real Time Winder, Real Time Flash 540 and many others like the Infrared Controller S Set, Radio Controller Set. All of which are interconnected by the exclusive electro-sync pulse system. A system which allows the photographer a new dimension of flexibility never before possible.

Announced as the herald of Real Time photography, the amazing capabilities of the Contax RTS have made it the favorite of professionals and advanced amateurs the world over. Created through the combination of Porsche design skills, Yashica electronics technology and Carl Zeiss precision optics, the Contax RTS is the result of a rare combination of talents. The RTS features both automatic and manual exposure control, with shutter speeds up to 1/2000 sec. The electromagnetic shutter release system is smooth, and fully compatible with a vast system of accessories like the Professional Motor Drive, Real Time Winder, Real Time Flash 540 and many others, including electronic remote control devices. The RTS is a professional camera that fully deserves the name.

• Type: 35 mm SLR with Real Time electromagnetic control. Mount: Contax/Yashica bayonet. ● Viewfinder: silver-coated pentaprism with interchangeable focusing screen. • Shutter: electronically-controlled, horizontal cloth focal plane shutter with speeds 4 sec. to 1/2000 sec. auto or manual. • Shutter release: electromagnetic with 0.7 mm stroke. • Exposure control: center-weighted, full aperture metering using SPD (silicon photo diode) sensor. EV-1 to EV19 (ASA100 at f/1.4). ±2EV exposure compensation. • Viewfinder display: LED display of shutter speeds, over and under exposure. Numerical display of apertures. Exposure compensation indicator. • Power source: one 6V silver-oxide battery. • Self-timer: mechanical with approx. 8-second delay. ● Film advance: 130° stroke manual, automatic with PMD or RTW. • Size: 142 × 89.5 × 50 mm. ● Weight: 715 grams, body only. ● Standard accessories: Body only: microprism focusing screen, eyecup/eyepiece shutter, body cap, R25 shoulder strap, battery. Standard set: body, Planar T* f/1.4 or f/1.7 50 mm lens, Eveready case. ● Optional accessories: PMD, RTW, RTS Data Back, External Camera Power Adapter, cases/front covers.

Contax 137 MD Quartz Real Time Direct Drive Using A Fully-Integrated Micro-Motor



The Real Time Drive system of the Contax 137 MD Quartz is entirely new in the world of cameras. All major camera functions are controlled and coordinated by clock pulses generated by a quartz crystal at the perfectly constant frequency of 32,768 Hz. And, unlike conventional cameras, camera operations such as mirror, aperture and shutter are driven directly by a single precision micro-motor built into the camera body. Even with the built-in motordrive, the 137 MD Quartz is no larger than a normal 35 mm SLR camera, so handling is easy and fast. The superb Carl Zeiss lenses and many of the Real Time accessories can be used of course.

• Type: 35 mm SLR with quartz-timed, electronically-controlled operation through Real Time Direct Drive. ● Mount: Contax/ Yashica bayonet. • Viewfinder: silver-coated pentaprism showing 95% of actual image at 0.86X magnification. • Shutter: quartz-timed, electronically-operated horizontal cloth focal plane shutter with auto speeds from LT (11 sec.) to 1/1000 sec. plus X (1/60) and B. • Shutter Release: electromagnetic with 0.7 mm stroke. • Exposure control: center-weighted, full aperture metering using SPD (silicon photo diode) sensors for normal and flash exposures. EV0 to EV18 (ASA100 at f/1.4). ±2EV exposure compensation. • Viewfinder display: LED display of shutter speeds with AE Lock warning, flash ready (also indicating correct exposure) and exposure compensation. Numerical display of aperture and frame counter. ● AE Lock: locks in shutter speed, aperture can be varied; continuous operation possible. • Power source: four 1.5 V AA-size batteries. • Film advance: single-frame or continuous automatic. • Self-timer: electronic, guartz-timed with precise 10-second delay, LED indication of operation. ● Size: 143 × 92.5 × 51 mm. Weight: 665 grams, body only.
 Standard accessories: Body only: battery case, batteries, eyecup, body cap, R25 strap. Standard set: body, Planar T* f/1.4 or f/1.750 mm lens, Eveready case. Optional accessories: TLA-20, 137 Data Back, 137 Power Pack Set, 137 Spare Battery Case, cases/front covers.

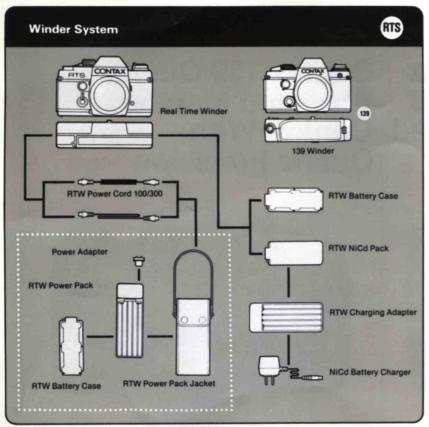
Contax 139 Quartz Auto and Manual Control With Quartz Precision



The world's first camera to use quartz pulses for control of exposure and camera operations, the Contax 139 Quartz set new standards for accuracy. Both automatic and manual exposure systems are provided in the compact body, with dual-mode metering using separate SPD (Silicon Photo Diode) sensors for normal and flash photography. Many of the advanced features of the RTS are also included, like the smooth electromagnetic shutter release. And the 139 Quartz is fully compatible with almost all of the Real Time accessories as well.

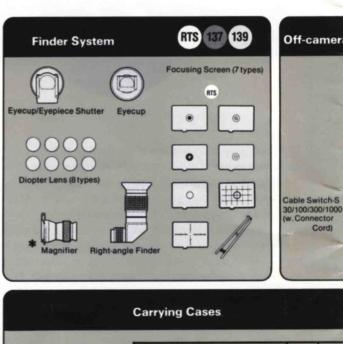
• Type: 35 mm SLR with quartz-timed electronic control of both auto and manual operation. • Mount: Contax/Yashica bayonet. • Viewfinder: silver-coated pentaprism showing 95% of actual image at 0.86X magnification. • Shutter: quartz-timed, electronically-operated vertical metal focal plane shutter with speeds from 11 sec. to 1/1000 sec. on auto, 1 sec. to 1/1000 sec. plus X (1/100) and B on manual. • Shutter release: electromagnetic with 0.7 mm stroke. • Exposure control: center-weighted, full aperture metering using SPD (silicon photo diode) sensors for normal and flash exposure. EV0 to EV18 (ASA100 at f/1.4) ±2EV exposure compensation. • Viewfinder display: LED display of shutter speeds and flash ready (also indicating correct exposure). AE Lock warning and aperture readout window.

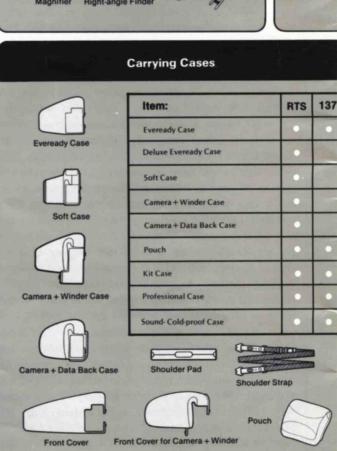
AE Lock: locks in shutter speed, aperture can be varied; continuous operation possible. • Power source: two 1.5V silver-oxide batteries. • Film advance: 135° stroke manual, automatic with 139 Winder II. • Self-timer: electronic quartz-timed with precise 10second delay, LED indication of operation. • Multiple exposure: multiple exposure button provided, frame counter disengages for accurate count. ● Size: 135 × 85.5 × 50 mm. ● Weight: 500 grams, body only. • Standard equipment: Body only: batteries, eyecup, body cap, R25 strap. Standard set: body, Planar T* f/1.4 or f/1.7 50 mm lens, Eveready case. ● Optional accessories: TLA-20, 139 Winder II, 139 Data Back, cases/front covers.

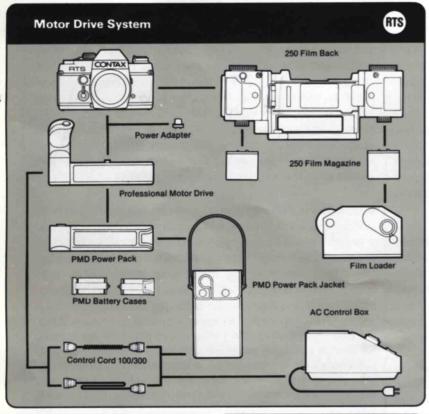


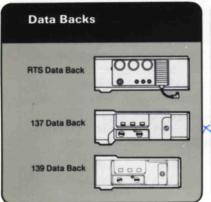
CONTAX SYSTEM ACCESSORIES

Yashica brand accessories
 Specifications and exterior design subject to change without prior notice.

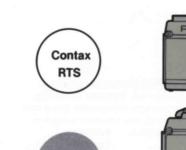




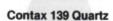








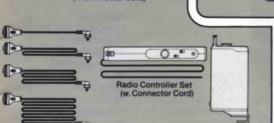


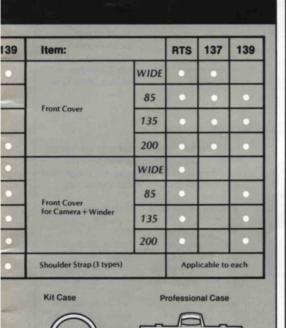


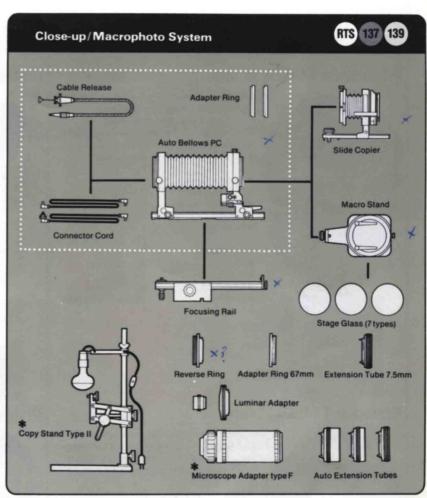
Contax 137 MD Quartz

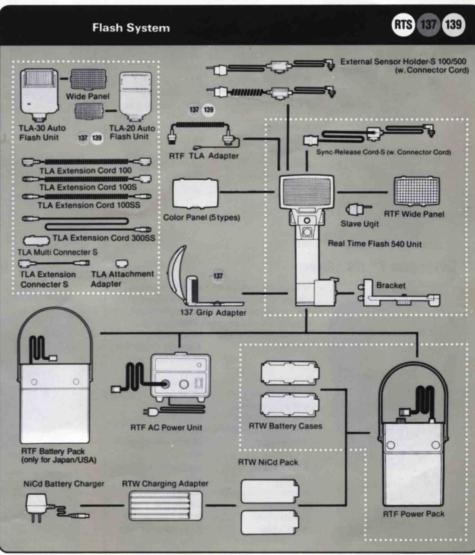














A full frame format ultra-wideangle lens of the so-called fisheye type. Features excellent image quality and remarkable field illumination at full aperture. Unusually fast for this type.

Minimum focus: Aperture range:

Diaphragm action:

• Filter size:

Lens hood: Size:

• Weight: • Lens case:

• Lens cap:

0.3 m (12 in.) f/2.8-f/22

(UV, Or57, Y50, B11)



Distagon T* f/3.5 15 mm



A sensational ultra-wideangle lens that is highly effective for accentuating perspective for strong spatial impressions. Marginal illumination is unbelievably good when slightly stopped down.

Lens composition:

13 elements 12 groups Correction of aberration at close range with "floating element" 110°

Angular field:

• Minimum focus: Aperture range:

Diaphragm action:

• Filter size:

Lens hood:

· Size:

• Weight:

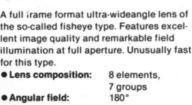
Lens case:

Lens cap:

0.16 m (6 in.) f/3.5-f/22 fully automatic built-in turret type (UV, Or57, Y50, B11) built-in 83.5 × 94 mm

815 grams No. 4, Leather 83.5 mm slip-on

type



fully automatic built-in turret type

built-in 70 × 61.5 mm 460 grams No. 2, Leather

70 mm slip-on type

Distagon T* f/2.8 25 mm



Image quality is excellent over entire format, even at full aperture. Excellent for architectural and landscape photography where wide angular field with true rendition is required.

Lens composition:

8 elements. 7 groups

0.25 m (10 in.)

f/2.8-f/22

80°

Angular field:

Minimum focus: Aperture range:

Diaphragm action:

• Filter size:

fully automatic 55 mm screw-in type

Lens hoods:

No. 2 (59 mm) soft hood, slip-on type; No. 1 Metal Hood (55/86 mm ring), screw-in type 62.5 × 56 mm 360 grams

Weight:

• Size:

Lens case: · Lens cap:

No. 1, Leather 59 mm snap type

Distagon T* f/2 28 mm



Amazingly uniform image quality right up to the corners even with the large maximum aperture. An intermediate wideangle lens useful for many applications where a wide angular field is required.

Lens composition:

9 elements. 8 groups Correction of aberration at close range with "floating element" 74°

Angular field:

• Minimum focus:

Aperture range:

Diaphragm action:

• Filter size:

f/2-f/22 fully automatic 55 mm screw-in

0.24 m (10 in.)

Lens hoods:

type No. 2 (59 mm) Soft Hood, slip-on type: No. 1 Metal Hood (55/86 mm ring), screw-in type

· Size: · Weight:

Lens case:

· Lens cap:

62.5 × 76 mm 485 grams No. 3, Leather 59 mm, snap type

7 elements. 7 groups

0.25 m (10 in.)

fully automatic

55 mm screw-in

f/2.8-f/22

74°

type

Distagon T* f/2.8 28 mm



Distagon T* f/4 18 mm

Well proven design with excellent imaging performance, exceptional correction of distortion and extremely compact. Performance is superb for close range photography.

Lens composition:

"floating element"

Angular field: Minimum focus:

Aperture range: Diaphragm action:

• Filter size:

Lens hood:

· Size: Weight: Lens case: • Lens cap:

10 elements. 9 groups. Correction

of aberration at close range with 100

0.3 m (12 in.) f/4-f/22 fully automatic. 86 mm with 70/86mm

ring used with 70/80 mm

ring 70 × 51.5 mm 350 grams No. 2, Leather 70 mm slip-on type



aperture. Lens composition: Angular field: • Minimum focus: Aperture range: Diaphragm action: • Filter size:

Lens hoods:

No. 2 (59 mm) Soft Hood, slip-on type; No. 1 Metal Hood (55/86 mm ring), screw-in type • Size: 62.5 × 50 mm • Weight: 280 grams No. 1 Leather Lens case: Lens cap: 59 mm, snap type

Designed for those who demand the highest

speed. Imaging performance and image field

image quality without the need for extra

illumination are remarkable, even at full





Distagon T* f/1.4 35 mm



Image quality is surprising high in spite of the 4X greater speed than an f/2.8 lens. Distortion is highly corrected. The wide field of view and great depth-of-focus make this lens useful for many applications.

Lens composition:

9 elements 8 groups (1 aspheric surface) Correction of aberration at close range with "floating element" 62°30

Angular field:

• Minimum focus: Aperture range:

Diaphragm action:

• Filter size:

Lens hoods:

0.3 m (12 in.) f/1.4-f/16 fully automatic 67 mm screw-in type 70 mm Soft Hood slip-on type; No. 2 Metal Hood (67/86 mm), screw-in type 70 × 76 mm

Size: Weight: • Lens case:

540 grams

6 elements.

0.4 m (1.5 ft.)

fully automatic

6 groups

f/2.8-f/22

62°

• Lens cap:

No. 2, Leather 70 mm snap type

Distagon T* f/2.8 35 mm



Designed for those who stress extraordinary image quality in a moderate wideangle rather than high speed. Image field illumination is also excellent, even at full aperture

Lens composition:

Angular field: • Minimum focus: Aperture range:

Diaphragm action: • Filter size:

Lens hoods:

55 mm screw-in type No. 1 (59 mm) Soft Hood, slip-on type; No. 3 Metal Hood

• Size: • Weight: Lens case:

• Lens cap:

(55/86 mm ring). screw-in type 62.5 × 46 mm 245 grams No. 1, Leather 59 mm, snap type

PC-Distagon T* f/2.8 35 mm



This wideangle lens has an extra large image circle of 83 mm in order to permit displacements for control of perspective. Displacement of 10 mm is possible with slight thumb pressure. And the lens rotates 90° in 15° steps for control in all directions.

Lens composition:

9 elements. 9 groups Correction of aberration at close range with "floating elements" 63° (83° image circle) 0.3 m (1 ft.)

Angular field:

• Minimum focus: Aperture range:

Diaphragm action: • Filter size:

Lens hood: • Size:

Weight:

Lens case: · Lens cap:

ring use 70/80 ring 70 × 85.5 mm 725 grams No. 2, Leather 70 mm slip-on type

86 mm with 70/86

f/2.8-f/22

preset

Planar T* f/1.4 50 mm



A fast, high-performance standard lens incorporating the latest achievements in optical glass and correction of image errors. Valuable both for fast action and low light

Lens composition:

Angular field: Minimum focus: Aperture range:

Diaphragm action: • Filter size:

Lens hoods:

· Size: Weight: Lens case:

Lens cap:

7 elements. 6 groups

45 0.45 m (1.5 ft.) f/1.4-f/16 fully automatic 55 mm screw-in

> type No. 1 (59 mm), slipon type; No. 4 Metal Hood

(55/86 mm ring), screw-in type 62.5 × 41 mm 275 grams

No. 1 Leather, optional

59 mm, snap type

fully automatic

55 mm screw-in

Planar T* f/1.7 50 mm



The newest standard lens in the line-up, featuring the same optical performance as the f/1.4 50 mm lens in a more compact package. Outstanding cost performance.

Lens composition: 7 elements, 6 groups Angular field: 45° Minimum focus: 0.6 m (2 ft.) f/1.7-f/16

Aperture range: Diaphragm action: • Filter size:

Lens hoods:

· Size:

type No. 1 (59 mm) Soft Hood, slip-on type; No. 4 Metal Hood

(55/86 mm ring), screw-in type 61 × 36.5 mm • Weight: 190 grams • Lens case: No. 1, Leather, optional 59 mm, snap type · Lens cap:

Planar T* f/1.4 85 mm



One of the fastest 85 mm lens available for 35 mm SLR cameras. Image performance is excellent even at full aperture. Excellent for both outdoor and indoor photography where light levels may be low.

Lens composition:

 Angular field: Minimum focus: Aperture range:

 Diaphragm action: • Filter size:

Lens hoods:

• Size: • Weight: Lens case: · Lens cap:

67 mm screw-in type 70 mm Soft Hood, slip-on type; No. 4 Metal Hood (67/86 mm ring). screw-in type 70 × 64 mm 595 grams No. 2, Leather 70 mm, snap type

6 elements.

1 m (3.5 ft.)

fully automatic

5 groups

f/1.4-f/16

28°30

Sonnar T* f/2.8 85 mm



A natural choice for those who want outstanding optical performance in a compact design, but are willing to forego a large maximum aperture. Useful for a wide range of applications where a slightly long focus lens is demanded.

Lens composition: 5 elements, 4 groups 27°30 Angular field:

Minimum focus: 1 m (3.5 ft.) f/2.8-f/22 Aperture range: fully automatic Diaphragm action:

55 mm screw-in • Filter size: type

Lens hoods: No. 1 (59 mm) Soft Hood, slip-on type;

No. 5 Metal Hood (55/86 mm ring). screw-in type 62.5 × 47 mm

• Size: 255 grams Weight: No. 1, Leather Lens case: 59 mm, snap type · Lens cap:





An extremely fast, high-performance lens, and one of the newest of the Carl Zeiss T lenses. Excellent for portraits, landscapes and architecture. Selective focus effects possible due to small depth-of-field at full aperture

Lens composition: 6 elements. 5 groups

24°30 Angular field: 1 m (3.5 ft.) • Minimum focus: Aperture range: f/2-f/22 Diaphragm action: fully automatic 67 mm screw-in • Filter size:

type

70 mm Soft Hood, Lens hoods: slip-on type; No. 4 Metal Hood

(67/86 mm ring). screw-in type 70 × 84 mm • Size:

670 grams • Weight: No. 2, Leather Lens case: Lens cap: 70 mm, snap type

Planar T* f/2 135 mm



Surprisingly small for its type, this lens has outstanding image quality and image field illumination at all apertures. An ideal medium focal length lens.

Lens composition: 5 elements, 5 groups Angular field: 18°30

1.5 m (5 ft.) Minimum focus: Aperture range: f/2-f/22 • Diaphragm action: fully automatic 72 mm screw-in • Filter size:

No. 4 Metal Hood Lens hood:

type

(72/86 mm ring). screw-in type 75 × 101 mm • Size: • Weight: 830 grams

Lens case: No. 5, Leather • Lens cap: 75 mm, slip-on type

Sonnar T* f/2.8 135 mm



Outstanding for landscape photography, flora and fauna studies, portraits and others where a telephoto effect is desired without the undesirable flattening of perspective prevalent with longer focal lenths.

Lens composition:

4 groups Angular field: 18°30 • Minimum focus:

Aperture range: Diaphragm action:

• Filter size:

Lens hood:

· Size: Weight:

Lens case: Lens cap:

1.6 m (5.5 ft.) f/2.8-f/22 fully automatic

5 elements.

55 mm screw-in

type slide type metal hood built-in 68.5 × 93 mm 585 grams No. 3, Leather 59 mm, snap type



Sonnar T* f/2.8 180 mm



The famous "Olympia Sonnar", updated with modern computer design techniques. Combines a telephoto focal length with a large maximum aperture for convenience in fast sports action and other similar fields.

Lens composition:

6 elements. 5 groups Correction of aberration at close range with "floating element" 14°

Angular field:

• Minimum focus: Aperture range:

Diaphragm action:

• Filter size:

Lens hood:

· Size: Weight:

Lens case:

Lens cap:

hood built-in 82 × 131 mm 990 grams No. 5, Leather

type

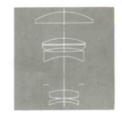
1.4 m (5 ft.) f/2.8-f/22

fully automatic

72 mm screw-in

slide type metal

75 mm, slip-on type



9

Tele-Tessar T* f/3.5 200 mm



An ideal choice for long-range work in sports easier even with fresnel lens ground glass.

Lens composition: 6 elements, 5 groups

Angular field: 12°40 • Minimum focus: 1.8 m (6 ft.)

Aperture range: f/3.5-f/22 • Diaphragm action: fully automatic

• Filter size: 67 mm screw-in

type

Lens hood: slide type metal hood built-in • Size: 77.5 × 121.5 mm Weight: 750 grams

Lens case: No. 5, Leather · Lens cap: 70 mm, snap type

and press photography as well as for landscapes. The bright image makes focusing



Vario-Sonnar T* f/3.5 40-80 mm

Covers the most frequently used focal length range of 40-80 mm. Image quality is high at all focal lengths, even at full aperture. Focusing and zooming performed with one easy-to-use ring.

Lens composition: 13 elements. 9 groups

Angular field: 55°-31° 1.2 m (4 ft.) • Minimum focus: f/3.5-f/22 Aperture range: Diaphragm action:

fully automatic Filter size: 55 mm screw-in type

No. 1 (59 mm) Soft Lens hoods: Hood, slip-on type; No. 2 Metal Hood (55/86 mm ring) screw-in type

67 × 87 mm

• Weight: 605 grams No. 3, Leather Lens case: • Lens cap: 59 mm, snap type

• Size:



Tele-Tessar T* f/4 300 mm



Outstanding correction of all aberrations so performance is clearly superior to that of other lenses in this class. Useful for situations where the subject cannot be approach-

ed. Lens composition:

5 elements, 5 groups 8°15 Angular field: Minimum focus: 3.5 m (11.5 ft.)

Aperture range: f/4-f/32

Diaphragm action: fully automatic • Filter size: 82 mm screw-in

type

Lens hood: slide type metal hood built-in 94 × 205 mm

• Size: • Weight: 1,720 grams

No. 6, Leather Lens case: 85 mm, slip-on type

Lens cap:

Vario-Sonnar T* f/3.5 70-210 mm



Covers the medium to long telephoto range with a 3X focal length variation range. Images are sharp even with the large maximum aperture. Also has a macro range for close focusing. Sharpness and contrast are outstanding throughout the range.

Lens composition: 15 elements, 12 groups

33°-12° Angular field: • Minimum focus: 1.8 m (6 ft.) 0.3m in Macro Mode

Aperture range: f/3.5-f/22 Diaphragm action: fully automatic

• Filter size:

type

Lens hoods: 70 mm Soft Hood. slip-on type; No. 3 Metal Hood (67/86 mm ring), screw-in type

67 mm screw-in

77 × 186 mm

1,145 grams

No. 6, Leather

· Size: Weight: Lens case:

• Lens cap: 70 mm, snap type



10

S-Planar T* f/2.8 60 mm Macro



A special lens characterized by optimum correction of aberrations apt to occur in photography at close distances. Can also be used for distant subjects. Provides up to 1:1 magnification ratio without extension tube.

• Lens composition:

Diaphragm action:

6 elements, 4 groups 39°

Angular field: • Minimum focus: Aperture range:

0.24 m (10 in.) f/2.8-f/22 fully automatic

• Filter size:

Lens hoods:

67 mm screw-in type 70 mm Soft Hood,

slip-on type; No. 3 Metal Hood (67/86 mm ring), screw-in type

• Size:

Weight:

• Lens case:

· Lens cap:

75.5 × 74 mm 570 grams No. 2, Leather. 70 mm, snap type Mirotar f/4.5 500 mm

The fastest lens available today in this focal length, the Mirotar f/4.5 500 mm completely eliminates the chromatic aberrations so prevalent in conventional high-speed lenses of this class. Since lenses of this type do not have a built-in diaphragm, exposure values must be adjusted by varying the shutter speed or using neutral density filters.

5 elements, • Lens composition: 5 groups

Angular field: 5 3.5 m (11.5 ft.) Minimum focus: f/4.5 only Aperture range: Diaphragm action: no diaphragm

slide type (UV, Y, O • Filter size:

1R) and 3-position turret mount for ND filters to adjust exposure

151 × 225 mm Size: Weight: 4.5 kg

• Lens case: Special case holds

lens and filters

*Special Order Only



S-Planar T* f/4 100 mm Bellows



Used with the Contax Auto Extension Bellows PC for extreme close-ups. Features superb correction of all aberrations at close distances. Has no helicoid, focuses using bellows action to infinity.

Lens composition: 6 elements,

4 groups

Angular field: 24°30' w/33° image

circle

1.4X magnification Minimum focus: ratio.

f/4-f/32 • Aperture range: Diaphragm action: instantaneous

stopdown w/connec-

tor cord

55 mm screw-in • Filter size:

type

No. 1 (59 mm) Soft Lens hoods:

Hood;

No. 5 Metal Hood (55/86 mm ring), screw-in type

• Size: • Weight: 62.5 × 48.5 mm 285 grams

• Lens case: · Lens cap:

No. 1, Leather 59 mm, snap type





Mirotar f/5.6 1000 mm





The world's finest ultra-telephoto lens, the Mirotar f/5.6 1000 mm is also the fastest in its class by far. Precision processing of mirrors and lens elements ensures superb image quality that is uniform over the entire field of view. A must where only the finest work will do

Lens composition:

5 elements, 5 groups

Angular field:

2°30' w/4°30' image

circle

Minimum focus:

12 m (39.4 ft.)

Aperture range: Diaphragm action:

f/5.6 only no diaphragm.

• Filter size:

slide type (UV, Y, O, 1R) and 3-position

turret mount for ND filters to adjust

exposure

• Size: Weight: 250 × 470 mm 16.5 kg

Lens case:

Special case holds lens and filters

*Special Order Only

N-Mirotar 210 mm

Comprising a high-speed mirror lens, 3-stage image intensifier, wide aperture relay lens and power supply, the N-Mirotar 210 mm intensifies any faint light source 80,000 times in 3 steps. Night scenes can be photographed without artificial lighting or tripod. With ASA400 film on a moonlight night, photographs can be taken at a shutter speed of 1/500 sec. Excellent for law enforcement, studies of nocturnal nightlife and many other applications.

Equivalent focal

length: 210 mm Diameter of field: 30 mm Angular field:

• Minimum focus: approx. 20 m (70 ft.)

Image intensifier: 3-stage

Relative

intensification:

2,500X (equivalent to 11 exposure

steps) greater than with f/1.4 lens

• Effective lens speed: f/0.03

Power supply: 2 × 1.5V penlight

batteries

Operating time: 30-40 hrs. with one set of batteries

• Size: 90 × 365 mm

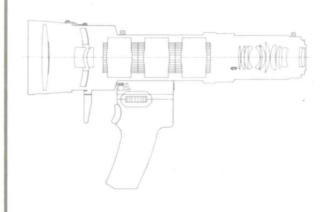
(w/out grip)

Weight: 2,170 grams

(w/grip, batteries) Lens case: Special case holds lens, grip and

camera body *Special Order Only







F-Distagon T* f/2.8 16mm





Distagon T* f/1.4 35mm



Planar T*f/1.7 50mm

Planar T* f/1.4 85mm



Planar T* f/2 135mm



Distagon T*f/3.5 15mm



Distagon T*f/2 28mm





Distagon T* f/2.8 35mm



Sonnar T* f/2.8 85mm



Sonnar T*f/2.8 135mm



Distagon T*/ f/4 18mm



Distagon T* f/2.8 28mm



PC-Distagon T* f/2.8 35mm



Planar T*f/2 100mm



Sonnar T * f/2.8 180mm

Interchangeable Carl Zeiss T* (T-Star) Lenses

Lens:	Elements-Groups	Angular Field	Minimum Focus	Aperture Range	Diameter ×Length
F-Distagon T* f/2.8 16 mm 〈Fisheye〉	8-7	180°	0.3 m (1 ft)	f/2.8-f/22	70.0×61.5 mm
Distagon T* f/3.5 15 mm	13-12 F	110°	0.16 m (6")	f/3.5-f/22	83.5×94.0 mm
Distagon T* f/4 18 mm	10-9 F	100°	0.3 m (1 ft)	f/4-f/22	70.0×51.5 mm
Distagon T* f/2.8 25 mm	8-7	80°	0.25 m (10")	f/2.8-f/22	62.5×56.0 mm
Distagon T* f/2 28 mm	9-8 F	74°	0.24 m (10")	f/2-f/22 f/2.8-f/22	62.5×76.0 mm 62.5×50.0 mm
Distagon T* f/2.8 28 mm	7-7		0.25 m (10")		
Distagon T* f/1.4 35 mm	9-8 A F	62°30′	0.3 m (1 ft)	f/1.4-f/16	70.0×76.0 mm
Distagon T* f/2.8 35 mm	6-6	62°	0.4 m (1.5 ft)	f/2.8-f/22	62.5 × 46.0 mm
Planar T* f/1.4 50 mm	7-6	45°	0.45 m (1.5 ft)	f/1.4-f/16	62.5 × 41.0 mm
Planar T* f/1.7 50 mm	7-6	45°	0.6 m (2 ft)	f/1.7-f/16	61.0×36.5 mm
Planar T* f/1.4 85 mm	6-5	28°30′	1.0 m (3.5 ft)	f/1.4-f/16	70.0 × 64.0 mm
Sonnar T* f/2.8 85 mm	5-4	27°30′	1.0 m (3.5 ft)	f/2.8-f/22	62.5 × 47.0 mm
Planar T* f/2 100 mm	6-5	24°30′	1.0 m (3.5 ft)	f/2-f/22	70.0×84.0 mm
Planar T* f/2 135 mm	5-5	18°30′	1.5 m (5 ft)	f/2-f/22	75.0×101 mm
Sonnar T* f/2.8 135 mm	5-4	18°30′	1.6 m (5.5 ft)	f/2.8-f/22	68.5 × 93.0 mm
Sonnar T* f/2.8 180 mm	6-5 F	14°	. 1.4 m (5 ft)	f/2.8-f/22	82.0×131 mm
Tele-Tessar T* f/3.5 200 mm	6-5	12°40′	1.8 m (6 ft)	f/3.5-f/22	77.5×121.5mm
Tele-Tessar T* f/4 300 mm	5-5	8°15′	3.5 m (11.5 ft)	f/4-f/32	94.0×205 mm
Vario-Sonnar T* f/3.5 40 ~ 80 mm	13-9	55°~31°	1.2 m (4 ft)	f/3.5-f/22	67.0×87.0 mm
Vario-Sonnar T* f/3.5 70 ~ 210 mm	15-12	33°~12°	1.8 m (6 ft) • Macro (0.3 m/M1:2)	f/3.5-f/22	77.0×186 mm
S-Planar T* f/2.8 60 mm (Macro)	6-4	39°	M1:1 (0.24 m)	f/2.8-f/22	75.5×74.0 mm
S-Planar T* f/4 100 mm (Bellows)	6-4	24°30′/33°	〈M1.4:1〉	f/4-f/32	62.5 × 48.5 mm
PC-Distagon T* f/2.8 35 mm (Shift)	9-9 F	63°/83°	0.3 m (1 ft)	f/2.8-f 22 M	70.0×85.5 mm
Mirotar f/4.5 500 mm	5-5	5°	⟨3.5 m/11.5 ft⟩	(f/4.5, f/8, f/11)	151 × 225 mm
Mirotar f/5.6 1000 mm	5-5	2°30′	(12.0 m/ ^{about} 39.5 ft)	〈f/5.6, f/8, f/11〉	250×470 mm



Tele-Tessar T*f/3.5 200mm



Vario-Sonnar T* f/3.5 70-210mm



Vario-Sonnar T* f/3.5 40-80mm



Mirotar f/4.5 500mm



Tele-Tessar T*f/4 300mm



S-Planar T*f/4 100mm (Bellows)



S-Planar T*f/2.8 60mm (Macro)



Weight		Lens Case	Filter Built-in	Metal Hood		Gelatine Filter Holder+Metal Hood		
460 g	Adapter Ring			Metal Hood	Adapter Ring	Metal Hood	Rubber Hood	
B	815 g No	No. 4	Built-in	Adapter hing	Metal Hood	Adapter ning	Motal 11000	
	350 g	No. 2	86 mm (with 70/86 ring)		_			
	360 g	No. 1	55 mm	55/86	-	55 mm	No. 1	59 mm No. 2
	485 g	No. 3	55 mm	55/86	No. 1	55 mm	No. 1	59 mm No. 2
	280 g	No. 1	55 mm	55/86	No. 1	55 mm	No. 1	59 mm No. 2
	540 g	No. 2	67 mm	67/86	No. 2		No. 2	70 mm
	245 g	No. 1	55 mm	55/86	No. 3	55 mm	No. 3	59 mm No. 1
	275 g	No. 1	55 mm	55/86	No. 4	55 mm	No. 4	59 mm No. 1
	190 g	No. 1	55 mm	55/86	No. 4	55 mm	No. 4	59 mm No. 1
	595 g	No. 2	67 mm	67/86	No. 4	-	No. 4	70 mm
The second	255 g	No. 1	55 mm	55/86	No. 5	55 mm	No. 5	59 mm No. 1
	670 g	No. 2	67 mm	67/86	No. 4		No. 4	70 mm
	830 g	No. 5	72 mm	72/86	No. 4		-	
	585 g	No. 3	55 mm	-	Built-in	55 mm	No. 5	-
,	990 g	No. 5	72 mm		Built-in			
	750 g	No. 5	67 mm		Built-in		No. 5	-
	1,720 g	No. 6	82 mm		Built-in			
	605 g	No. 3	55 mm	55/86	No. 2	55 mm	No. 2	59 mm No. 1
The second	1,145 g	No. 6	67 mm	67/86	No. 3		No. 3	
	570 g	No. 2	67 mm	67/86	No. 3	-	No. 3	70 mm
	285 g	No. 1	55 mm	55/86	No. 5	55 mm	No. 5	59 mm No. 1
	725 g	No. 2	86 mm (with	70/86 ring)			-	
	4,500 g	-	Slide-in type					
l i	16,500 g	-	Slide-in type	_		-	_	

Zeiss Softar I, II, III

Softars are soft-focus lenses which convert any lens to provide superb soft-focus effects. Each type is of a different intensity. And Softars can be used singly or in any combination.

- Type: I, II, III.
- Mount: attaches to the screw-thread filter mount of the lens.
- Sizes: 55 mm and 67 mm screw-in types.



Contax Filters

Like all optical devices used with Contax cameras, these filters are made of specially selected optical glass, carefully polished and ground until the surfaces are plane and parallel. All Contax filters, except the Polar, are multicoated to cut reflection to the minimum.

- Mount: Contax filters attach to the front screw-thread of the lens.
- Type: For color: 1A, A2 (81B), A10 (85), B2 (82A), B10 (80B)

For B&W: L39 (UV), Y48 (Y2), O56 (O2), R60 (R1) & G0.

For color and B&W: ND2, ND4, Polar & Protection Filter.

Size: 55mm for Distagon T* f/2.8 25 mm, f/2 28 mm, f/2.8 28 mm, f/2.8 35mm, Planar T* f/1.4 50 mm, f/1.7 50 mm, Sonnar T* f/2.8 85 mm, f/2.8 135 mm, S-Planar T* f/4 100 mm and Vario Sonnar T* f/3.5 40-80 mm.

67 mm for Distagon T* f/1.4 35 mm, Planar T* f/1.4 85 mm, f/2 100 mm, Tele-Tessar T* f/3.5 200 mm, S-Planar T* f/2.8 60 mm and Vario Sonnar T* f/3.5 70-210 mm.

72 mm for Planar T* f/2 135 mm and Sonnar T* f/2.8 180 mm.

Note: ND2, ND4 & Polar not available.

82 mm for Tele-Tessar T* f/4 300

Note: ND2, ND4 & Polar not available.

86 mm for Distagon T* f/4 18 mm and PC-Distagon f/2.8 35 mm, used with 70/86 mm adaptor ring.

Note: ND2, ND4 & Polar not available.

Soft Lens Hood 59 mm No. 1



Used with the Carl Zeiss Distagon T* f/2.8 35 mm, Planar T* f/1.4 50 mm and T* f/1.7 50 mm, S-Planar T* f/4 100 mm, Sonnar T* f/2.8 85 mm and Vario-Sonnar T* f/3.5 40-80 lenses. Slips on easily and folds back when camera is put in case.

Soft Lens Hood 59 mm No. 2



Same as above, but fits the Carl Zeiss Distagon T* f/2.8 25 mm, T* f/2 28 mm and T* f/2.8 28 mm lenses, all in the wide-angle range.

Soft Lens Hood 70 mm



Fits the Carl Zeiss Distagon T* f/1.4 35 mm, Planar T* f/1.4 85 mm Planar T* f/2 100 mm and S-Planar T* f/2.8 60 mm.

Adapter Rings for Metal Lens Hoods



• The 55/86 Ring is for the Distagon T* f/2.8 25 mm, f/2 28 mm, f/2.8 28 mm, f/2.8 35 mm, Planar T* f/1.4 50 mm, f/1.7 50 mm, Sonnar T* f/2.8 85 mm and Vario-Sonnar T* f/3.5 40-80 mm lenses.



● The 67/86 Ring is used with the Distagon T* f/1.4 35 mm, Planar T* f/1.4 85 mm, f/2 100 mm, S-Planar T* f/2.8 60 mm and Vario-Sonnar T* f/3.5 70-210 mm

• The 72/86 Ring fits only the Planar T* f/2 135 mm lens.



70/86 Ring (slip-on/screw-in type)



This is a special adapter ring used for attaching filters to, or as a lens hood with, the Distagon T* f/4 18 mm lens and the PC-Distagon T* f/2.8 35 mm.

Metal Lens Hood No. 1



A sturdy metal hood that is used with the Carl Zeiss Distagon T* f/2 28mm and f/2.8 28mm lenses. Attached by means of the 55/86 ring. The Gelatine Filter Holder can be used, and in this case the hood can also be used with the Distagon T* f/2.8 25mm.

Gelatine Filter Holder Set



Gelatine Filter Holder

The Contax Gelatine Filter Holder Set is used to hold various filtering materials used for special effects. Mounting is direct to the lens or by means of a 55 mm ring, depending on the lens used. The set comes with a 55mm adapter ring and filter frame. Metal lens hoods can also be directly attached.

Metal Lens Hood No. 2



Can be attached to the Carl Zeiss T* Distagon f/1.4 35mm, Vario-Sonnar f/3.5 40-80mm lenses using the 55/86 ring. Usable with Gelatine Filter Holder.

Lens, Body and Lens Rear Caps





f/2.28 mm, f/2.8 28 mm, f/2.8 35 mm, Planar T* f/1.4 50 mm, f/1.7 50 mm, Sonnar T* f/2.8 85 mm, f/2.8 135 mm, S-Planar T* f/4 100 mm, and Vario-Sonnar T* f/3.5 40-80 mm.

70 mm (snap type): Distagon T* f/1.4 35 mm, Planar T* f/1.4 85 mm, f/2 100 mm, Tele-Tessar

T* f/3.5 200 mm, S-Planar T* f/2.8 60 mm, and

59 mm (snap type): Distagon T* f/2.8 25 mm,

Lens Rear Cap Body Cap

Vario-Sonnar T* f/3.5 70·210 mm. 70 mm (slip-on type): Distagon T* f/2.8 16 mm, f/4 18 mm. and PC-Distagon T* f/2.8 35 mm. 75 mm (slip-on type): Planar T* f/2 135 mm and

Sonnar T* f/2.8 180 mm. **83.5 mm (slip-on type):** Distagon T* f/3.5 15 mm.

85 mm (slip-on type): Tele-Tessar T* f/4 300 mm.

Lens Rear Caps & Body Caps are also available

Metal Lens Hood No. 3



Mounts on the Carl Zeiss Distagon T* f/2.8 35 mm lens with the 55/86 ring, and on the S-Planar T* f/2.8 60 mm and Vario-Sonnar T* f/3.5 70-210 mm lenses with the 67/86 ring. Can also be used with Gelatine Filter Holder.

Metal Lens Hood No. 4



Used for the Carl Zeiss Planar T* f/1.4 50 mm, f/1.7 50 mm lenses with the 55/86 ring, on the Planar T* f/1.4 85 mm and f/2 100 mm lenses with the 67/86 ring, and on the Planar T* f/2 135 mm lens with the 72/86 ring. Usable with the Planar T* f/1.4 85 mm and f/1.7 50 mm, Planar T* f/1.4 85 mm and f/2 100 mm, when the Gelatine Filter Holder is used.

Lens Cases (leather)



No. 1: Distagon T* f/2.8 25 mm, f/2.8 28 mm. f/2.8 35 mm, Planar T* f/1.4 50 mm, f/1.7 50 mm, Sonnar T* f/2.8 85 mm, S-Planar T* f/4 100 mm. No. 2: F-Distagon T* f/2.8 16 mm, Distagon T* f/4 18 mm, f/1.4 35 mm, PC-Distagon T* f/2.8 35 mm, Planar T* f/1.4 85 mm, f/2 100 mm, and S-Planar T* f/2.8 60 mm.

No. 3: for Distagon T* f/2 28 mm, Sonnar T* f/2.8 135 mm, Vario-Sonnar T* f/3.5 40-80 mm.
No. 4: Distagon T* f/3.5 15 mm.

No. 5: Planar T* f/2 135 mm, Sonnar T* f/2.8 180 mm, and Tele-Tessar T* f/3.5 200 mm.

No. 6: Tele-Tessar T* f/4 300 mm and Vario-Sonnar T* f/3.5 70-210 mm.

Metal Lens Hood No.5



Designed for use with the Carl Zeiss Sonnar T* f/2.8 85mm and S-Planar T* f/4 100mm lenses using the 55/86 ring. When the Gelatine Filter Holder is used, fits the S-Planar T* f/4 100mm Sonnar T* f/2.8 85mm, f/2.8 135mm and Tele-Tessar T* f/3.5 200mm lenses.

Finder System

Focusing Screens



Microprism Focusing Screen



Split-image Focusing Screen



Split-image/Microprism Collar Focusing Screen





Matte Focusing Screen



Cross-scale Focusing Screen



Sectioned Matte Focusing Screen

The standard focusing screen provided with the Contax RTS camera. When the subject is in sharp focus, the image appears sharp within this area. Tweezers

A type of focusing screen useful for almost all application. The split is located diagonally for use with any type of subject. Tweezers included.

Combines the features of both the splitimage and microprism type focusing screens. Handles virtually any application or lens. Tweezers included.

This focusing screen facilitates focusing especially for scenes with numerous vertical lines. When the two split images coincide, the scene is in focus.

Horizontal Split-image Focusing Screen An overall uniform matte field that aids in critical focusing of broad areas. Especially useful with certain focal length lenses. Tweezers included.

> A convenient cross scale provides reference for determining relative size, for checking proportion, etc. Tweezers included.

> Similar to the above, but provided with vertical and horizontal lines. Useful for checking perspective or where proportions are important. Tweezers included.

Diopter Lenses



To match individual eyesight to the optical systems of Contax cameras, diopter lenses of 8 different strengths are available. The range is from +3 to -5 diopters for perfect matching.

Eyecup/Eyepiece Shutter



A convenient eyecup/eyepiece shutter combination to prevent the entry of extraneous light. Used for normal photography, the eyecup can be slid up when using the self-timer and for other applications where the eye is away from the viewfinder. Included with Contax RTS.

Eyecup



The eyecup is included with the Contax 137MD Quartz and 139 Quartz bodies.

Right Angle Finder



This device clips onto the viewfinder eyepiece to provide erect images at a 90° angle to the axis of the camera lens. Extremely convenient for use when shooting with the camera in a low position. Rotates 360° for free adjustment.

Magnifier



Clipped onto the viewfinder eyepiece, the Magnifier provides a 1.8X magnification of the center part of the image. Useful for critical focusing. Hinges up out of the way for a full-frame view. (Yashica brand)

Motor Drive System

Professional Motor Drive (PMD)

This highly professional motor drive easily attaches to the base of the Contax RTS camera to provide high-speed automatic film advance. A built-in intervalometer provides speeds from 5fps to one frame every 60 seconds; the subtractive-type 36-frame counter is manually reset and equipped with a lock.

Professional Capabilities Include:

Remote Operation: automatic or on-command Sequential Flash: up to five flashes per frame Interval Sequences: from five fps to one frame per minute

Power Adapter



Threaded into the battery compartment of the Contax RTS, the Power Adapter enables the camera to be operated using the power from the PMD or RTW Power Pack batteries.

PMD Power Pack



Attaches to the base of the PMD and accommodates 12-AA size batteries to power the PMD unit. Can also be used inserted into the PMD Power Pack Jacket as a remote power source. Features a second electromagnetic release button for taking vertical format shots or remote control. Two battery cases included.

PMD Battery Cases

Two of these battery cases are used to accommodate the batteries used to power the PMD. The cases fit inside the PMD Power Pack and each holds six 1.5V AA size batteries.



PMD Power Pack Jacket



Houses the PMD Power Pack when used detached from the PMD unit. Equipped with a convenient shoulder strap for easy carrying.

PMD Control Cord 100

Used to connect the PMD and AC Control Box or PMD Power Pack when the latter is used for remote control. Length is 100 cm (3.3 ft.).



PMD Control Cord 300

Serves the same purpose as the above, but is longer for more freedom in remote control situations where it is convenient for the photographer to move away from the camera. Length is 3 m (10.5 ft.).



AC Control Box

Fulfills the functions of both a highquality intervalometer and a remote AC power source for the Contax RTS and PMD. Photographs can be taken automatically at intervals of up to 24 hours. And any number of shots can be taken each time. LED digital display of all setting for easy readout. Starting time can also be set. Random exposures can also be made anytime using the cable switches. Available for 100 V, 120 V and 220 V.

Output: EXT. OUT (for relaying control signals to camera)

Input: EXT. IN and Release Socket
Operating Modes: Single, Repeat, Clock
Interval Settings: one second to 24 hours
Time Display: LED digital readout in hours
minutes, seconds

Frame Setting: 1-99 via frame counter dials (continuous operation at [00] settings

● Size: 140 × 210 × 106 mm ● Weight: 2,700 grams

250 Film Back

A large-capacity film back holding up to 250 frames. Used for news, scientific and other applications where long sequences of photographs are made routinely. Mounts in place of the regular camera back.

Size: 205.5 × 122.5 × 71.5 mm
 Weight: 1,120 grams



250 Film Magazines



Two of these film magagines are used in the 250 Film Back for film supply and take-up. Accommodates up to 250 frames of 35 mm film of any type. Provided with leather cases for full protection.

Film Loader

This device is used for darkroom loading of the above 250 Film Magazines for use with the 250 Film Back.

Makes handling of long film lengths easy and effortless.

Size: 250 × 154 × 162 mm
 Weight: 1,030 grams



Winder System

Real Time Winder (RTW)



Designed exclusively for use with the Contax RTS camera, the RTW is an economical means of automatic film advance at speeds of up to 2 frames per second. Two operational modes are also provided: single-frame and continuous. Selection requires only a flick of a switch. Power is supplied by six 1.5V AA size batteries. The RTW Ni-Cd Pack or external RTW Power Pack can also be used. When the film end is reached, the RTW stops automatically. Battery case included.

• Size: 142.5 × 50 × 38 mm

• Weight: 300 grams (w/o batteries)

WINDER Battery Case



Supplied with the RTW as a standard accessory to accommodate the six 1.5V AA size batteries used for power. Once loaded with batteries, the Battery Case can be quickly removed and reinserted as desired. Also usable in pairs with RTF Power Pack.

RTW Ni-Cd Pack



Accommodates the Ni-Cd batteries used to power the RTW unit. Replaces the RTW Battery Case. Preferred by many photographers because of the rechargeable feature. Can also be used with the RTF 540 electronic flash unit. Contains six 1.2V AA type nickel-cadmium batteries sealed inside a plastic cartridge. Also usable in pairs with RTF Power Pack.

RTW Charging Adapter



Used together with the Ni-Cd Battery Charger for recharging Ni-Cd Battery Packs.

Ni-Cd Battery Charger



Connects to the RTW Charging Adapter for recharging of Ni-Cd packs. Requires approximately 10 hours for full charging. Available in three different types: AC 100 V, 120V and 220V. Output is DC 8.7V, 45 mA.

RTW Power Cord 100



This 100 cm (3.3 ft.) long cord is used to connect the RTW Power Pack to the RTW unit when a remote power source is desired. Allows the photographer full freedom of movement.

RTW Power Cord 300

Similar to the above cord, except a 300 cm (10.5 ft.) length is provided to allow the camera to be used at a distance from its power source.



RTW Power Pack Set



The external power source for the RTW unit, the RTW Power Pack accommodates either six 1.5V AA size batteries (9 V) or one RTW Ni-Cd Pack (7.2 V). The RTW Power Pack Jacket is made of genuine leather, and helps to keep the batteries warm. The Jacket can be placed inside a pocket for warmth in cold weather to assure reliable operation. Set includes Power Adapter and Battery Cases.

• Size: 64 × 150 × 43 mm

Weight: 180 grams (w/o batteries)

139 Winder II



Similar in capabilities to the HTW above, the 139 Winder is for use with the Contax 139 Quartz camera. This unit features operation at up to 2 frames per second. A second release button is also provided for convenience in making vertical format shots. Power is supplied by four 1.5V AA size batteries—enough to expose 20 rolls of 36-exposure film.

• Size: 137.5 × 35 × 49 mm

• Weight: 225 grams (w/o batteries)

Off-camera Control System



This device makes possible wireless remote control of camera and motor-drive or winder at distances of up to 20 meters (65 ft.). The release system provides all the advantages of electromagnetic Real Time operation. The Infrared Receiver clips directly onto the camera hot-shoe and operates on either of two channels for use of one or two camera bodies. When the release button of the Transmitter is pressed, the camera and other accessories are activated just as though the camera release button were pressed. Includes Connector Cords B-30R for the RTS and B-30S for the 137 MD Quartz and 139 Quartz.

Rec.

Power source: One 9V drycell battery (006P)

• Size: 38.5 × 51 × 61.5 mm

• Weight: 65 grams

Trans.

One 1.5V AA-size battery

23.5 × 35 × 120 mm

70 grams

Trans.

- Transmission Frequency: 40.68 MHz FM (Quartz stabilized)
- Modulation Frequency: Signal variation of 2600 Hz and 2900 Hz for channel control
- Control Switches: Power switch

3-way channel selector

power switch

Power Source: One 9V drycell battery (006P) One 9V drycell battery (006P)

35 × 24 × 180 mm • Size: 113 × 24 × 64 mm 140 grams

• Weight: 180 grams Cable Switches

An ultra-modern version of the traditional cable release. Contax Cable Switches provide completely electronic operation of camera and accessories. Each Cable Switch features a release lock device.

S-30



S-100 Same but 1 meter length



S-300 Same but 3 meter length



S-1000 Same but 10-meter length



Radio Controller Set



Provides remote control at distances of up to 300 meters with push-button operation. The Receiver mounts on the hotshoe of the camera and connects by cord to the release socket. Pressing the release button of the Transmitter operates the camera. Continuous operation is possible if a motor-drive or winder is mounted on the camera. The Radio Controller Set also has two channels, so two cameras can be operated simultaneously or alternately as desired. Includes Connector Cords B-30R for the RTS and B-30S for the 137 MD Quartz and 139 Quartz. Case included.

Interval Timer



This interval timer plugs into the back of the RTW for automatic camera operation at preset intervals of 1, 2, 4, 8, 15, 30, 60 and 120 seconds. An on/off switch is provided and power is supplied from the RTW batteries.

Flash System

RTF540 Unit



Sophisticated beyond compare, the RTF 540 boasts a GN40 output (ASA100/ meters) plus both manual and automatic operation, and bounce flash as well. Five aperture settings can be selected in manual mode-from GN40 to GN7. Direct TTL metering is possible (17) MODEL) with the Contax 137MD Quartz and 139 Quartz cameras when the RTF TLA Adapter is employed. In auto mode, the flash automatically adjusts power output from GN40 to GN5.6, in accordance with subject distance. And despite the large output which allows photography at long distances, the RTF540 is equally capable at close-ups. The flash head swivels horizontally and vertically for bounce-flash capability with total exposure accuracy since all calculation is performed by the unit itself. A special electromagnetic release is built into the RTF540 handle, making it easier to operate camera and flash from the flash position. This is especially convenient in sequential photography with the Real Time Winder or Professional Motor Drive. And a special Interlock device prevents accidental tripping of the shutter unless the flash unit is fully charged. The standard set includes the RTF540 flash unit, bracket, sync-release cord with connector cords (B-30R for RTS, and B-30S for 137MD Quartz and 139 Quartz) and RTF wide panel.

• Size: 98 × 240 × 92mm • Weight: 720 grams

RTF Sync Release Cord S



Normally used with the RTF540 unit for general flash photography. Synchronizes operation of the camera, flash and motor drive or winder. Includes connector cord R-6SJ for RTS use.



This bracket is used to mount the RTF540 on a camera. The mounting screw is threaded into the camera tripod socket. The RTF540 snaps on or off the mount with ease.

RTF Power Pack Set



A convenient external power source for the RTF540, this power pack accommodates either twelve 1.5V AA size batteries or two RTW Ni-Cd Packs. Delivers up to 100 flashes at full output with alkaline batteries (ASA100, meters) or 300 flashes at GN7. The Ni-Cd Packs provide up to 50 flashes at full output, and up to 150 flashes at GN7 with faster recycling. Set includes Power Pack, Jacket, PK Strap, Battery Cases and batteries. The two RTW Ni-Cd packs can be used.

• Size: 95 × 38 × 148.5mm

• Weight: 370 grams (w/o battery)

RTF Battery Pack Set



This high-voltage pack provides the fastest recycling times and maximum number of flashes of all the RTF power sources. Up to 300 flashes are possible at maximum output and up to 1200 flashes at GN7. Utilizes two 240V high-voltage batteries for the flash and four AA size batteries for the control circuitry. Includes RTF Battery Pack, RTF Battery Pack Jacket and PK Strap.

RTF 510V Battery Pack Set available. Specification same as RTF 480V Battery Pack Set (only for Japan/USA)

RTF AC Power Unit



household electric current, either 120V or 220V. Recycling is faster than with the RTF Power Pack but slower than those with the RTF Battery Pack. An economical power source for photographers who use flash frequently indoors. Comes with cord.

• Size: 140 × 180 × 90 mm

• Weight: 3,000 grams

RTF External Sensor Holder 100

One end plugs into the RTF540 unit the other end connects to the camera, with the sensor itself clipped onto the camera hot-shoe. Enables automatic exposure control with the flash unit held away from the camera. Allows great freedom in lighting effects. Connector cord R-6SJ included.



RTF External Sensor Holder 500



The function is the same as for the unit above, except that the connecting cord has a total length of 5 meters for extra latitude in movement. Connector cord R-6SJ included.

RTF 540 TLA Adapter



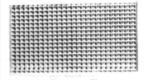
With this special new TLA Adapter, the RTF540 (® MODEL) can be used as a fully dedicated flash with the Contax 137 MD Quartz and 139 Quartz camera bodies—providing the same TTL metering capabilities and direct X synchronization control as the TLA-30 and TLA-20 auto flash units. The adapter connects the hot-shoe of the camera body to the remote sensor socket built into the RTF540 flash head (® MODEL) and provides the full dedication, TTL metering capability which can enormously enhance the creative potential of the unit.

RTF Slave Unit



Especially convenient for multiple flash application, the RTF Slave Unit slips into the front of the RTF540 and fires it automatically when the output from another flash unit is sensed. Operation is instantaneous so there is no delay.

RTF Wide Panel



Snaps onto the front of the RTF540 flashhead to disperse output and provide coverage for wideangle lenses up to 24 mm focal length. Sometimes used to reduce flash intensity for special applications.

RTF Color Panels

A set of 5 panels of different colors is available to attach to the front of the RTF540. Each different color produces a different effect of great creativity. Available in red, orange, yellow, green and blue.



RTF Sync Cord

This cord is used to enable the RTF540 unit to be used with other than Contax cameras. Operates in the same way as an ordinary synchronization cord. One end connects to the RTF540 unit and the other to the camera sync terminal.

16.

TLA-30



This unit provides dedicated performance capabilities with the Contax 137 MD Quartz and 139 Quartz, full auto-flash capabilities with any camera body and complete manual control as well. In the TTL mode, flash photography and synchronization are fully automated. For standard auto-flash use, the TLA-30 provides a two-aperture range; while three output settings (full, 1/4, 1/16) are available for manual control. The flash head rotates through a vertical angle from -15° to +90° off-center for bounce-flash techniques. Maximum output with the TLA-30 is GN30 (ASA100/meters), and the unit is powered by four 1.5V AA-size batteries for up to 200 flashes at recycling rates as fast as four seconds. TLA-30 wide panel included. Case included.

• Size: 80 × 120 × 60 mm

• Weight: 290 grams (w/o batteries)

TLA-20



In the AUTO range, the output of the TLA-20 is controlled by the exposure metering system of the camera when used with the 139 Quartz or 137 MD Quartz. Rated at GN20, the flash intensity is sufficient for a variety of situations. Full control of the TLA-20 is possible with a single switch having positions for "Off", "Hi," "Lo" and "Auto". At the "Hi" setting, the flash delivers its full output. At "Lo" a lower intensity rated at GN2.8. The auto mode works at a range of up to 10 meters (35) ft.), depending on the aperture selected. Power is supplied by four AA size batteries. TLA-20 wide panel included. Case included.

• Size: 66 × 100 × 71 mm

• Weight: 180 grams (w/o batteries)

Wide Panels for TLA-20 & TLA-30



Snapped onto the front of the flash head the Wide Panel provides flash coverage for a 24 mm wideangle lens. Also useful for diffusion effects or to effectively lower output for close-ups, etc.

TLA Multi-Flash/Extension System

This is a system of connecting cords and equipment which allows the Contax 137 MD Quartz or 139 Quartz to be used with multiple electronic flash units, on or off the camera, for professional quality flash techniques. Using equipment from this system, the photographer can employ up to three Contax flash units (including the RTF540, TLA-30 and TLA-20) at varying angles for exquisite lighting effects, and at the same time retain all the advantages of dedicated flash operation with automatic TTL metering of flash exposure. Equipment in this system includes:



Macro/Close-up System

Auto Extension Bellows PC Set

One of the most advanced bellows attachments available. Features front standard swings and shifts, with 360° front standard rotation for easy lens reversal. A special feature is the full coupling of lens and camera body for automatic diaphragm operation through the Shutter Connector Cord and exclusive Cable Release. Set also includes connector cords R-37R for the RTS and R-37S for the 137 MD Quartz and 139 Quartz, 52mm and 55mm adapter rings and cable release.



Focusing Rail

• Size: 200 × 120 × 70 mm



Used to mount the Auto Extension Bellows PC for fine focusing and adjustment of camera position for ultra close-up shots. Also used for attaching the Slide Copier and Macro Stand.

• Size/Weight: 200 × 34 × 54 mm/400 grams

Slide Copier



This device mounts on the front of the Auto Extension Bellows PC for easy reproduction of slides and film strips. Has adjustments for cropping of and adjustment of image size.

• Size/Weight: 131 × 94 × 180 mm/374 grams

Macro Stand



The Macro Stand attaches to the Focusing Rail and Auto Extension Bellows PC for photographing tiny subjects that would otherwise be difficult to handle. Two clips help hold subjects in place against the reflecting plate. And the stage revolves for free positioning of subjects.

• Size: 47 × 157 × 100 mm • Weight: 265 grams

Stage Glasses

Extra stage glasses are available as options in transparent, milky, red, orange, yellow, green and blue. Interchange requires only the loosening of one small screw.

Auto Extension Tube Set







This set consists of three fully-automatic diaphragm extension tubes and one manual diaphragm extension tube. Placed between the camera body and lens, the tubes allow larger magnification ratios for close-up photography. The tubes can be used singly or in any combination, but if the 7.5mm manual diaphragm tube is used, automatic diaphragm operation is not possible. The three auto tubes include the No. 1 13mm, No. 2 20mm and No. 3 27mm.

• Set Weight: 250 grams

Extension Tube 7.5mm



This 7.5mm extension tube provides medium magnification ratios. Diaphragm operation is manual.

Special Order)

Reverse Ring



Accepting all 55mm filter size lenses (and 67mm filter size lenses with the 67mm Adapter Ring) this Reverse Ring allows lenses to be attached to the camera body in reverse, for improved optical results in macro/close-up photography. The lens may be attached directly to the camera body, or in combination with one or more extension tubes. Aperture operation is manual when lenses are reversed.

(Special Order)

Adapter Ring 67mm



This new Adapter Ring allows the connection of lenses with 67mm filter size to accessory items featuring 55mm links. It is primarily useful for mounting the S-Planar T* f/2.8 60mm lens to the slide copier, but can be employed for a wide range of other techniques, including lens reversal with bellows or in combination with the Reverse Ring.

(Special Order)

Luminar Adapter



The Luminar Adapter allows the use of Carl Zeiss Luminar Lenses with either the Auto Bellows PC or Extension Tubes for macro photography at magnifications up to approximately 14 times lifesize. It also allows the mounting of other microscope objectives for macro/close-up work.

(Special Order)

Microscope Adapter F



Any Contax camera can quickly and easily be mounted on any standard type microscope using this adapter. One end has a mount to match the camera and the other end attaches to the microscope, with or without the eyepiece in place. (Yashica brand)

Size: 52 × 130.5 mm
 Weight: 180 grams

Copy Stand Type II

Comprises a base, upright post, adjustable lamp arms and pantograph camera slide arm. Used for copying documents, shooting small subjects, etc. Provides maximum object field of 270 × 400 mm with 50 mm lens.



• Size: 430 × 430 × 640 mm

Weight: 6,000 grams

Yashica Medical 100 DX Macrophoto System

This is a precision optical system designed to provide total accuracy in photographic reproduction for medical, dental and other scientific fields of photography. It also produces high-quality photographs for industrial design and other areas of close-up work. Designed as a comprehensive, self-contained system, the Medical 100 DX features an integral ringflash unit with external power supply, and comes complete with all required equipment in a portable carrying case which also accepts the camera body (with or without winder). The standard Medical 100 DX set includes:

Medical 100 Lens, DC Pack (portable power source for ring-flash, powered by twelve 1.5V AA-size batteries-Ni-Cd, Manganese or Alkali-Manganese) Synch Cord, Spare Modeling Lamp and Carrying Cace.



Lens Specifications:

Focal Length

Lens Composition

Angular Field

100mm 5 elements in

3 groups 24

Aperture Range

f/4-f/22 (coupled to magnification

ratio)

Distance Scale

Magnification Scale

indicated by magnifications 1/1-1/1.2-2/3-1/1 8-1/2 5-1/3-

1/3.5-1/4-1/5-1/6-1/8-1/10-1/12-1/15

Coverage Area

max. 360 × 540mm, min. 24 × 36mm (12 × 18mm with 2X

lens)

Working Distance

14.7-150cm (front lens front)

• Filter Size

35.5mm screw-in type

• Hood Attachment Size 90mm

Dimensions & Weight 94.5 × 155.5mm

1,000 grams

Flash Specifications:

Light Source

ring-shaped xenon discharge tube with Fresnel lens

cover

Maximun Output

approx. 23W l = GN6.5 at ASA100/meters)

 Flash Duration Recycling Times 1/1500 sec. Ni-Cd batteries-1.5 sec.

Alkali-Manganese or AC power-2.5 sec. Manganese-3 sec. (approximate times for ASA100 film; higher film speeds allow shorter recycling

Power Sources

times) DC Pack (9V) or optional AC Pack

Number of Flashes

Ni-Cd-550 (approx.) Alkali-Manganese -250 (approx.) Manganese-120 (approx.)

• Film Speed Range

ASA25-400 (with 1/3 steps)

3W Modeling Lamp

interchangeable

Optional Accessories

AC Pack

A special adapter for powering the ringflash by ordinary household current. 120V and 220V models available.

2X Lens

A conversion lens which mounts to the rim of the Medical 100 lens to double the magnification ratio of the master lens.

Foot Switch

A convenient means of switching the ringflash on or off under working conditions, to save time and eliminate fumbl-

Reflector Set

A special chrome and set of disposable reflectors which completely eliminate glare and mirror images from highly reflective subjects.



Data Back S



Exclusively for use with the Contax RTS, this Data Back replaces the regular camera back to record dates and other data in the lower right corner of the frame. Three dials are provided for data setting and a choice of year, month and day or other designations is provided. Operates by direct projection from rear of film. Can be used together with the PMD or RTS units. Special Eyecup included.

Recordable Data:

Year....75-93 + blank

Month...1-12+A-G+

blank

Data Location:

Date.....1-31 + blank Lower right corner of

frame

Recording Method:

Direct projection

onto film

Power Source:

One 6V silver-oxide or

alkaline battery

Printout/

Battery Check:

LED lights during operation or when battery check button

is pressed.

• Size:

142 × 54 × 35mm

Weight:

100 grams



Similar to the RTS and 139 Data Backs. this unit replaces the regular back of the Contax 137 MD Quartz. A new feature, however, has been added. There is no need for external cord connection because the LED inside the camera body operates automatically when an exposure is made. Performance and operation are otherwise the same as for the other Data Backs.

Recordable Data:

.80-89+ f-numbers

1.2 - 32Month....1-12+

shutter

speeds B, A,

15-1000

Date.....1-31 *Each dial also

features blank space

Data Location:

Lower right corner of

frame

Recording Method:

Direct LED projection onto film

Two 1.5V silver-oxide batteries

Printout/ **Battery Check:**

Power Source:

LED lights during operation or when battery check button

is pressed.

• Size:

143 × 53 × 25mm

Weight:

85 grams

139 Data Back



Performance-wise the same as the RTS Data Back, this unit is exclusively for use with the Contax 139 Quartz. Can be used for dating photographs, or for cataloging research and scientific or other data. An LED on the back lights to confirm printing, and another LED acts as battery checker.

Recordable Data:

Year.....80-89+

f-numbers 1.2 - 32

Month....1-12+

shutter speeds B, A,

15-1000

Date.....1-31

*Each dial also

features blank space

Lower right corner of

frame **Direct LED projection** Recording Method:

onto film

Power Source:

Data Location:

Two 1.5V silver-oxide

batteries

Printout/ **Battery Check:**

LED lights during operation or when battery check button

is pressed.

135 × 53 × 25mm

· Size: Weight:

85 grams

Special Accessories

RTS External Camera Power Adapter



Designed specifically for use in extremely cold weather, this device accommodates the camera battery so that it can be kept warm by placing it in a pocket, etc., to assure reliable operation at all times. (Also usable with Yashica FR series cameras.)

137 Power Pack Set



The External Power Pack Set for the Contax 137 MD Quartz consists of the Power Pack Adapter, Battery Case, Power Pack with Cord and Jacket. The Adapter fits in place of the regular camera base plate and the batteries are accommodated in the case so that they can be kept warm in cold weather for more reliable operation. Also useful for quick bettery replacement under hard working conditions.



137 Grip Adapter



137 Spare Battery Case

The Spare Battery Case is a convenient means of changing batteries quickly under hard working conditions. It interchanges instantly with the regular 137 MD Quartz battery case simply by removing the bottom plate of the camera body and switching battery cases.



Cases & front covers

Cases and Front Covers for CONTAX RTS, 137 MD QUARTZ.

RTS Standard Case

A standard case made of leather for the CONTAX RTS camera.



- Planar T*f/1.4 50mm
- Planar T*f/1.7 50mm
- Distagon T*f/2.8 25mm
- Distagon T*f/2.8 28mm
- Distagon T*f/2.8 35mm
- Sonnar T*f/2.8 85mm



RTS Deluxe Case

A high-grade, deluxe case made of leather for the CONTAX RTS. Fits the RTS camera body with the same lenses as for the standard case.



RTS Soft Case

A high-grade, soft case made of leather for the CONTAX RTS Lenses same as those for standard case.



137 Standard Case

A standard case for the CONTAX 137 MD QUARTZ made of leather. A front cover is supplied, which is capable of fitting the camera with a standard-sized lens and the same lenses as for the RTS standard case.



- Front Cover Wide (available for both RTS and 137 MD QUARTZ)
- A front cover for interchangeable lenses as follows:
- F-Distagon T*f/2.8 16mm
- Distagon T*f/4 18mm



• Front Cover 85 (available for both RTS, 137 MD QUARTZ)
A front cover for the Planar T*f/1.4 85mm.



• Front Cover 135 (available for both RTS and 137 MD QUARTZ)

A front cover for interchangeable lenses as follows:

- Distagon T*f/3.5 15mm
- Distagon T*f/2 28mm
- Distagon T*f/1.4 35mm
- PC-Distagon T*f/2.8 35mm
- Planar T*f/2 100mm
- Planar T*f/2 135mm
- Sonnar T*f/2.8 135mm
- Vario-Sonnar T*f/3.5 40—80mm
- S-Planar T*f/2.8 60mm



• Front Cover 200 (available for both RTS and 137 MD QUARTZ) A front cover for Sonnar T* f/2.8 180mm & Tele-Tessar T*f/3.5 200mm.

Cases and Front Covers for CONTAX RTS/RTW.



 Standard Case for Winder (only available for CONTAX RTS) A standard case made of leather for CONTAX RTS with Real Time Winder. The case is used with a front cover for the same lenses as those for Standard Case listed.



• Front Covers for Winder (only available for CONTAX RTS) **Front Covers**

- Front Cover Wide
- Front Cover 85
- Front Cover 135
- Front Cover 200

Cases and Front Covers for CONTAX 139 QUARTZ



Standard Eveready Case

A case made of leather for the Contax 139, which accepts the following lenses:

- Planar T*f/1.4 50mm
- Planar T *f/1.7 50mm
- Distagon T*f/2.8 25mm
- Distagon T*f/2.8 28mm Distagon T*f/2.8 35mm
- Sonnar T*f/2.8 85mm

Front covers are available for use with other lenses as listed below.



• Front Cover 85

A front cover for the camera with interchangeable lenses as follows:

- F-Distagon T*f/2.8 16mm
- Distagon T*f/4 18mm
- Planar T*f/1.4 85mm



A front cover for the camera with interchangeable lenses as follows:

- Distagon T*f/3.5 15mm
- Distagon T*f/2 28mm
- Distagon T*f/1.4 35mm
- PC-Distagon T*f/2.8 35mm • Planar T*f/2 100mm
- Planar T*f/2 135mm
- Sonnar T*f/2.8 135mm
- Vario-Sonnar T*f/3.5 40—80mm
- S-Planar T*f/2.8 60mm



• Front Cover 200

A front cover for the camera with interchangeable lenses as follows:

- Sonnar T*f/2.8 180mm
- Tele-Tessar T*f/3.5 200mm



• 139 Winder Case

A leather case for use with the CONTAX 139 equipped with the 139 Winder (or Winder II). This case is used with front covers as follows.



• Front Cover 85



Front Cover 135



Front Cover 200

Data Back Cases



Case for CONTAX cameras with Data

Case for RTS/Data Back.

(Front Cover 85, 135, 200 available)



 Case for 137 MD QUARTZ/Data Back. (Front Cover 85, 135, 200 available)



Case for 139 QUARTZ/Data Back.

(Front Cover 85, 135, 200 available)

Special Cases



CONTAX Pouch

A smart white pouch made of buckskin for CONTAX cameras with winder and standard sized lenses. Free-sized, it fits the RTS, 137 MD QUARTZ and 139 QUARTZ.

● Sound/Cold—Proof Case

This special case is for sound and cold-proofing, as in taking pictures in a theater or cold climates. It's available for all cameras in the CONTAX series, with PMD or winder.

(Special Order)

Kit Case

Durable and handy case made of leather with shoulder strap. Dimensions/weight 270(w) × 165(d) × 200(h) mm, 1.4 kg/with shoulder strap



Professional Case

A light and durable compartment case made of aluminum for professionals. This case is convenient to protect cameras, lenses and accessories from damage.

With shoulder strap. 475(w) × 330(d) × 165(h) mm, 6 kg



Shoulder Straps



Shoulder Strap for Deluxe Case

A durable, soft knit strap; a shoulder pad is supplied.



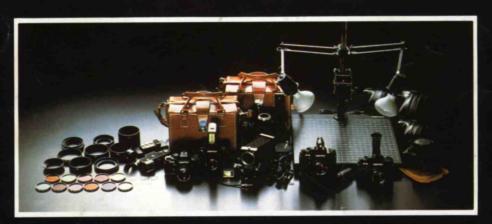
A soft, knit strap which reduces pressure on the shoulders.

Shoulder Strap W50

A smart, Mexican knit strap extra-wide to reduce pressure on the shoulders.







CONTAX

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