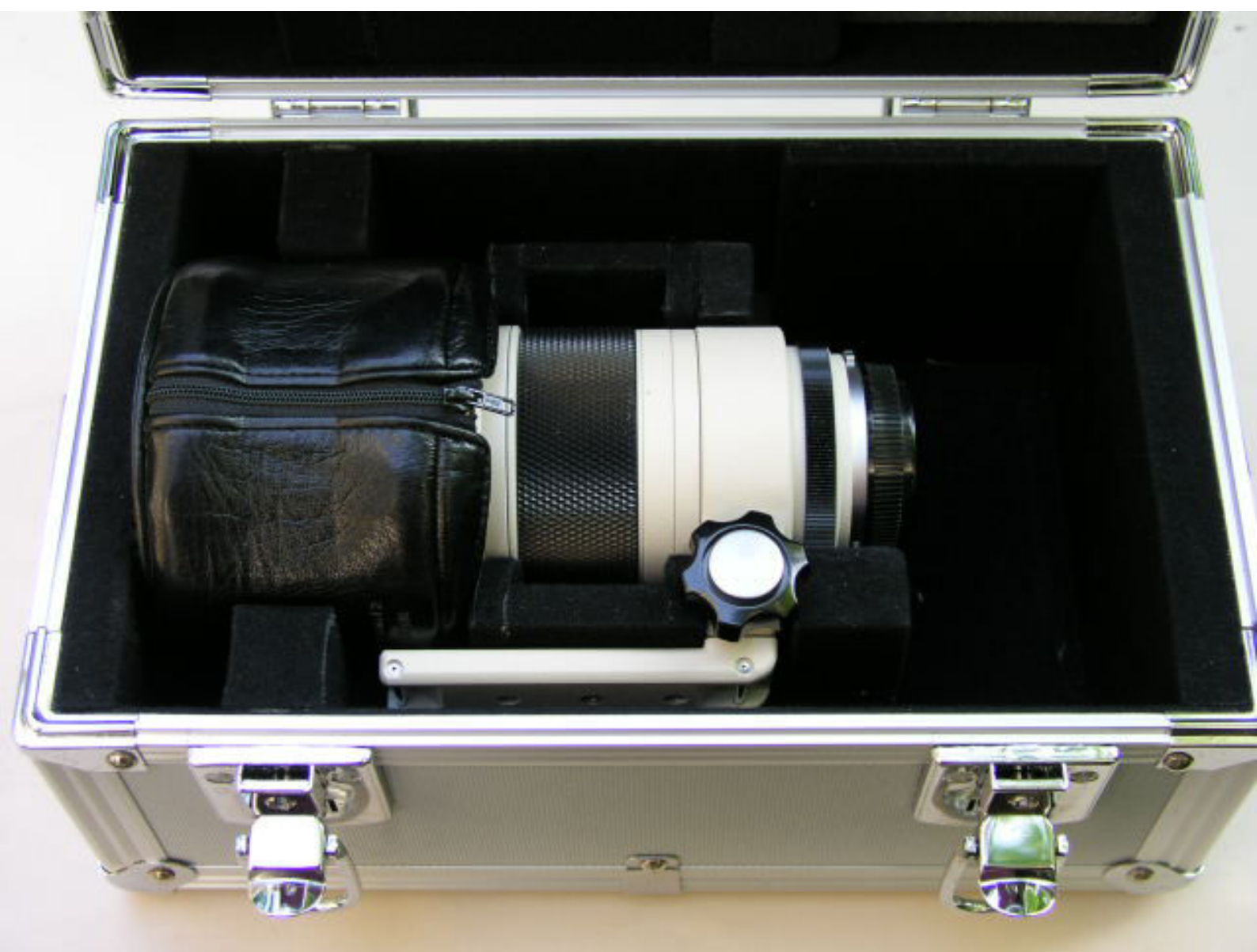




















Electronic INPUT Dial









OLYMPUS OM-SYSTEM ZUIKO AUTO-T 250mm 1:2

Aperture scale: 10, 12, 15, 20, 2.8, 3.5, 4.5, 5.6, 8, 11, 16, 22, ∞
Distance scale: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 15, 20, 25, 30, 40, 50, 60, 80, 100, ∞
Focal length: 250mm





Ultrasonic motor (USM)

























Full auto position
(green  mark)





Macrophotography table (with AUTO Bellow Unit)

Lense	Lense Position	Subject Area Covered (mm) Magnifications	180	120	90	72	60	51.4	45	40	36	30	25.7	22.5	20	18	16.4	15	13.8	12.9	12	10.3	9	8	7.2	6.5	6	5.5	5.1	4.8	4.5	4	3.6	3.3	3.0	
			×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×
			120	84	60	48	40	34.3	30	26.7	24	20	17.1	15	13.3	12	10.9	10	9.2	8.6	8	6.9	6	5.3	4.8	4.4	4	3.7	3.4	3.2	3.0	2.7	2.4	2.2	2.0	
			0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	9.0	10.0	11.0	12.0	
ZUIKO MC MACRO 20mm f/3.5	NORMAL	Scales (mm)																						68.73	83	93	103	113	123	133	143	163	183	203	223	231
		Lense vertex-to-subject distance (cm)																								2.12	2.1	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.8

[illegible]



Electro-Magnetic
Diaphragm® (EMD)

Macrophotography table (with AUTO Bellow Unit)

Lense	Lense Position	Subject Area Covered (mm)	Magnifications
		180 120 90 72 60 51·4 45 40 36 30 25·7 22·5 20 18 16·4 15 13·8 12·9 12 10·3 9 8 7·2 6·5 6 5·5 5·1 4·8 4·5 4 3·6 3·3 3·0 × 120 84 60 48 40 34·3 30 26·7 24 20 17·1 15 13·3 12 10·9 10 9·2 8·6 8 6·9 6 5·3 4·8 4·4 4 3·7 3·4 3·2 3·0 2·7 2·4 2·2 2·0	0·2 0·3 0·4 0·5 0·6 0·7 0·8 0·9 1·0 1·2 1·4 1·6 1·8 2·0 2·2 2·4 2·6 2·8 3·0 3·5 4·0 4·5 5·0 5·5 6·0 6·5 7·0 7·5 8·0 9·0 10·0 11·0 12·0
Zuiko MC MACRO 38mm f/3.5	NORMAL	Scales (mm) Lense vertex-to-subject distance (cm)	68 75 83 90 98 106 113 132 151 170 189 208 227 231 4·6 4·4 4·3 4·1 4·0 3·9 3·8 3·6 3·5 3·4 3·3 3·2 3·2 3·2

Macrophotography table (with AUTO Bellow Unit)

Lense	Lense Position	Subject Area Covered (mm) Magnifications	180 120 90 72 60 51·4 45 40 36 30 25·7 22·5 20 18 16·4 15 13·8 12·9 12 10·3 9 8 7·2 6·5 6 5·5 5·1 4·8 4·5 4 3·6 3·3 3·0 2·7 ×																											
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Macrophotography table (with AUTO Bellow Unit & Other Combinations)																																				
Lense	Lense Position	Subject Area Covered (mm) Magnifications	Magnifications																																	
			180	120	90	72	60	51.4	45	40	36	30	25.7	22.5	20	18	16.4	15	13.8	12.9	12	10.3	9	8	7.2	6.5	6	5.5	5.1	4.8	4.5	4	3.6	3.3	3.0	2.7
			×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	
			120	80	60	48	40	34.3	30	26.7	24	20	17.1	15	13.3	12	10.9	10	9.2	8.6	8	6.9	6	5.3	4.8	4.4	4	3.7	3.4	3.2	3.0	2.7	2.4	2.2	2.0	1.8
			0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	9.0	10.0	11.0	12.0	13.0
ZUIKO MC MACRO 90mm f/2.0	NORMAL	Scales (mm)																																		
	INVERSE	Lense vertex-to-subject distance (cm)																																		
ZUIKO MC MACRO 90mm f/2.0 with 65-116 AUTO Extension Tube	NORMAL	Tube Length (mm)																																		
		Distance from lense to subject																																		

Close-up Macrophotography Table With Telescopic AUTO TUBE 62-116

lens to subject in inches

Lense Type	Lense Position	Subject area covered (mm) Magnifications	∞ 360 130 120 90 72 60 51.4 45 40 36 30 25.7 22.5 20 18.16 14 13.5 12.9 12 10.3 9 8 7.2 6.5 6 5.5 5.1 4.8 4 3.6 3.3 3 × 240 120 80 60 48 40 34.3 30 26.7 24 20 17.1 15 13.8 12 10.9 10 9.2 8.6 8 6.9 6 5.3 4.8 4.4 4 3.7 3.4 3.0 2.7 2.4 2.2 2.0																							
			0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1.0 1.2 1.4 1.6 1.8 2.0 2.2 2.4 2.6 2.8 3.0 3.5 4.0 4.5 5.0 5.5 6.0 6.5 7.0 8.6 9.0 10.0 11.0 12.0																							
ZUIKO 1:1 MACRO 80mm f/4.0	NORMAL	length of Telescopic Auto Tube 65-116 (mm)	65 69 77 85 93 101 109 115 116 + Helicoid Extension																							
		Distance from lense to subject (inches)	8.0 7.0 6.2 5.7 5.2 4.9 4.5 8.7																							
ZUIKO 1:1 MACRO 80mm f/4.0 with 80mm close-up lense	NORMAL	length of Telescopic Auto Tube 65-116 (mm)	65 74.6 87 100 112 115 116 + Helicoid Extension																							
		Distance from lense to subject (inches)	3.6 3.3 3.0 2.8 2.7 2.6																							

Close-up Macrophotography Table With AUTO BELLOW Unit

lens to subject in inches

[illegible]

Close-up Macrophotography Table With Telescopic AUTO TUBE 65-116

lens to subject in inches

[illegible]



ARC form Drive
(AFD)

Zuiko Interchangeable Lens Group

Specifications subject to change without notice.

TYPE	LENS	ANGLE OF VIEW	OPTICAL CONSTRUCTION ELEMENT-GROUP	F-STOP RANGE	MIN. FOCUS (ft)	WEIGHT (oz)	LENGTH	FILTER						FOCUSING SCREEN																
								46mm	49mm	55mm	62mm	72mm	100mm	2-4	2-13	1-1	1-2	1-3	1-4N	1-5	1-6	1-7	1-8	1-9	1-10	1-11	1-12	1-13	1-14	
FISHEYE WIDE-ANGLE	ZUIKO FISHEYE 16mm F3.5	180°	11-8	3.5-22	0.2m (0.7)	185g (6.5)	31mm	Built-in (NEUTRAL, Y48, O56)									*													
	ZUIKO 18mm F3.5	100°	11-9	3.5-16	0.25m (0.8)Ⓢ	250g (8.8)	43mm										*													
	ZUIKO 21mm F2	92°	11-9	2-16	0.2m (0.7)Ⓢ	250g (8.8)	44mm			○							*													
	ZUIKO 21mm F3.5	92°	7-7	3.5-16	0.2m (0.7)	180g (6.3)	31mm		○								*													
	ZUIKO 24mm F2	84°	10-8	2-16	0.25m (0.8)Ⓢ	275g (9.7)	48mm			○							*													
	ZUIKO 24mm F2.8	84°	8-7	2.8-16	0.25m (0.8)	185g (6.5)	31mm		○								*													
WIDE-ANGLE	ZUIKO SHIFT 24mm F3.5	84° (max. 100°)	12-10	3.5-22	0.35m (1.1)	520g (18.3)	75mm	Built-in (NEUTRAL, Y48, O56, R60)									*	*	*	*										
	ZUIKO 28mm F2	75°	9-8	2-16	0.3m (1.0)Ⓢ	245g (8.6)	43mm		○								*													
	ZUIKO 28mm F2.8	75°	6-6	2.8-22	0.3m (1.0)	170g (6.0)	32mm		○								*													
	ZUIKO 35mm F2	63°	8-7	2-16	0.3m (1.0)	240g (8.5)	43mm			○							*													
	ZUIKO 35mm F2.8	63°	7-6	2.8-16	0.3m (1.0)	175g (6.2)	33mm		○								*													
	ZUIKO SHIFT 35mm F2.8	63° (max. 83°)	8-7	2.8-22	0.3m (1.0)	310g (10.9)	59mm		○								*	*	*	*										
STANDARD	ZUIKO 50mm F1.2	47°	7-6	1.2-16	0.45m (1.5)	285g (10.1)	43mm		○								*													
	ZUIKO 50mm F1.8	47°	6-4	1.8-16	0.45m (1.5)	165g (5.8)	32mm		○								*													
	ZUIKO MACRO 50mm F2	47°	9-7	2-16	0.24m (0.8)Ⓢ	320g (11.3)	55mm			○							*													
	ZUIKO MACRO 50mm F3.5	47°	5-4	3.5-22	0.23m (0.8)Ⓢ	200g (7.1)	40mm		○								*													
ZOOM	ZUIKO ZOOM 35-80mm F2.8	63°-30°	16-14	2.8-22	0.6m (2.0)	650g (22.9)	99mm				○																			
	ZUIKO 85mm F2	29°	5-4	2-16	0.85m (2.8)Ⓢ	260g (9.2)	48mm		○								*													
TELEPHOTO	ZUIKO MACRO 90mm F2	27°	9-9	2-22	0.4m (1.3)Ⓢ	550g (19.4)	71mm			○							*													
	ZUIKO 100mm F2	24°	7-6	2-22	0.7m (2.3)Ⓢ	500g (17.6)	72mm			○							*													
	ZUIKO 100mm F2.8	24°	5-5	2.8-22	1m (3.3)	235g (8.3)	48mm		○								*													
	ZUIKO 180mm F2	14°	10-8	2-22	1.6m (5.2)	1900g (67.0)	174mm						○				*													
	ZUIKO 180mm F2.8	14°	5-5	2.8-32	2m (6.6)	700g (24.7)	125mm						○				*													
	ZUIKO 200mm F4	12°	5-4	4-32	2.5m (8.2)	515g (18.2)	127mm			○							*													
	ZUIKO 250mm F2	10°	12-9	2-22	2.2m (7.2)	3900g (137.6)	246mm	○ (Slip-in type rear filter)																						
SUPER TELEPHOTO	ZUIKO 300mm F4.5	8°	6-4	4.5-32	3.5m (11.5)	1020g (36.0)	181mm					○																		
	ZUIKO 350mm F2.8	7°	9-7	2.8-32	3m (9.8)	3900g (137.6)	280mm	○ (Slip-in type rear filter)																						
	ZUIKO 400mm F6.3	6°	5-5	6.3-32	5m (16.4)	1300g (45.9)	256mm					○					*	*	*	*								*	*	
	ZUIKO REFLEX 500mm F8	5°	5-2	—	4m (13.1)	590g (20.8)	97mm					○					*	*	*	*							*	*		
	ZUIKO 600mm F6.5	4°	6-4	6.5-32	11m (36.1)	2800g (98.8)	377mm						○				*	*	*	*							*	*		
	ZUIKO 1000mm F11	2.5°	5-5	11-45	30m (98.4)	4150g (146.4)	662mm						○				*	*	*	*							*	*		
SPECIAL USE	ZUIKO MACRO 20mm F2	9° at highest mag	6-4	2-16	with Auto Tube or Auto Bellows	170g (6.0)	46mm									*	*	*	*	*						*	*	*	*	
	ZUIKO MACRO 38mm F2.8	9° at highest mag	6-4	2.8-22		170g (6.0)	46mm										*	*	*	*	*					*	*	*	*	
	ZUIKO 1:1 MACRO 80mm F4	9° at highest mag	6-4	4-32		170g (6.0)	31mm		○								*	*	*	*	*					*	*	*	*	
	ZUIKO MACRO 135mm F4.5	18°	5-4	4.5-45		320g (11.3)	47mm			○							*	*	*	*	*					*	*	*	*	

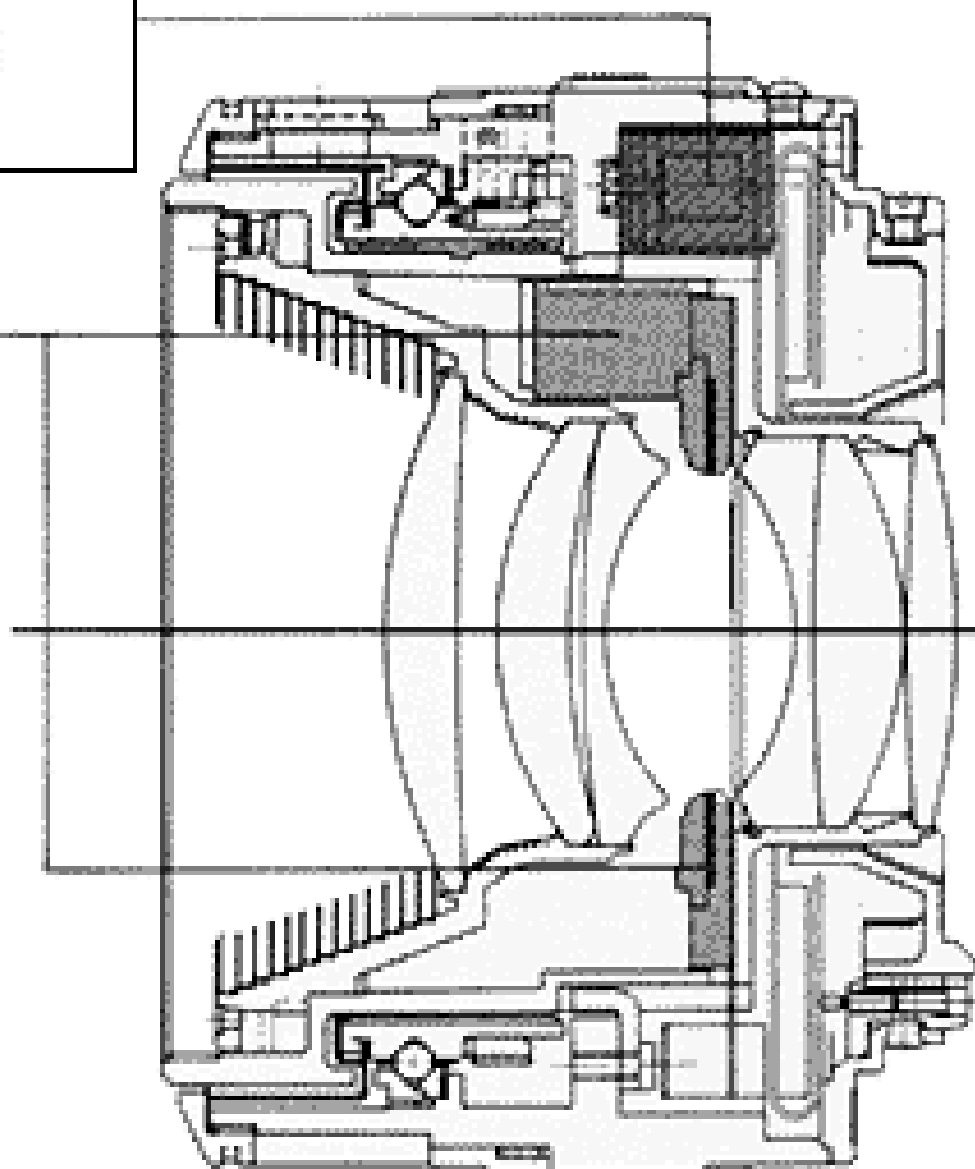
TELE-CONVERTER	2X-A	● APPLICABLE LENSES: 100mm F2.8, 200mm F4	● OPTICAL CONSTRUCTION: 6-6	● WEIGHT: 215g (7.6oz)	● LENGTH: 48mm (1.9in)
	1.4X-A	● APPLICABLE LENSES: 180mm F2, 180mm F2.8, 250mm F2, 300mm F4.5, 350mm F2.8, 400mm F6.3	● OPTICAL CONSTRUCTION: 5-4	● WEIGHT: 180g (6.3oz)	● LENGTH: 23mm (0.9in)

Compatible. The meter needle indicates correct light reading. In combinations marked ★ microprism and split-prism edges of the finder will darken.	Can be used. They provide for accurate and easy focusing but the OM-1 or the OM-2 manual mode will not indicate correct exposure.	Ⓢ Automatic correction mechanism against close-focus aberrations.	● 2-4 and 2-13 are Fine Lumi-Micron matte focusing screens.
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Special Motor
for Autofocusing
(AFD or USM)

Special Motor
for Aperture
Control (EMD)







sinaron digital

22 16 11 8 5.6 4 ^L 2.8 35mm

0.5 0.7 1 1.5 3 ∞ m ft
22 11 5.6 5.6 11 22

0
.....|.....

00001



lens made in Japan

OLYMPUS

2
0.6

sinaron digital

Canon

DESIGNED FOR THE FUTURE

**EOS
650**

**FAST-ACTION AUTOFOCUS AND GENUINE CREATIVE
POWER KEEP YOU IN CONTROL AT ALL TIMES.**



Canon EOS

850 · 750 · 650 · 620

Photography. Pure and simple.

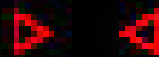






250

5.6



250

56



Nikon FE



Canon 620 Main Reference Map









F6

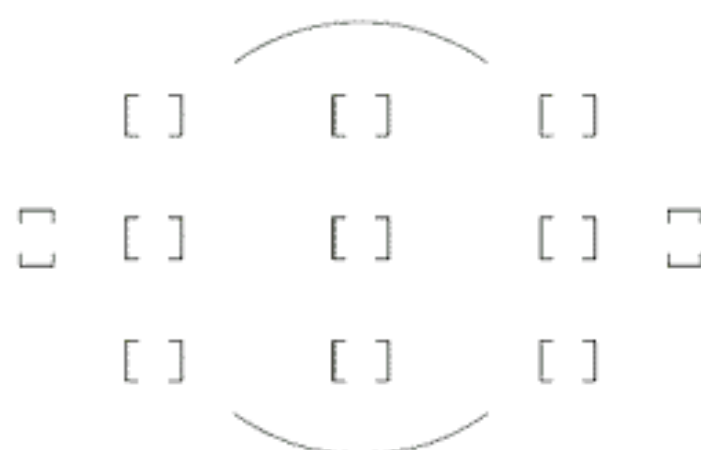
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▶●◀ 88.88 8.8 (8.8) ⚡

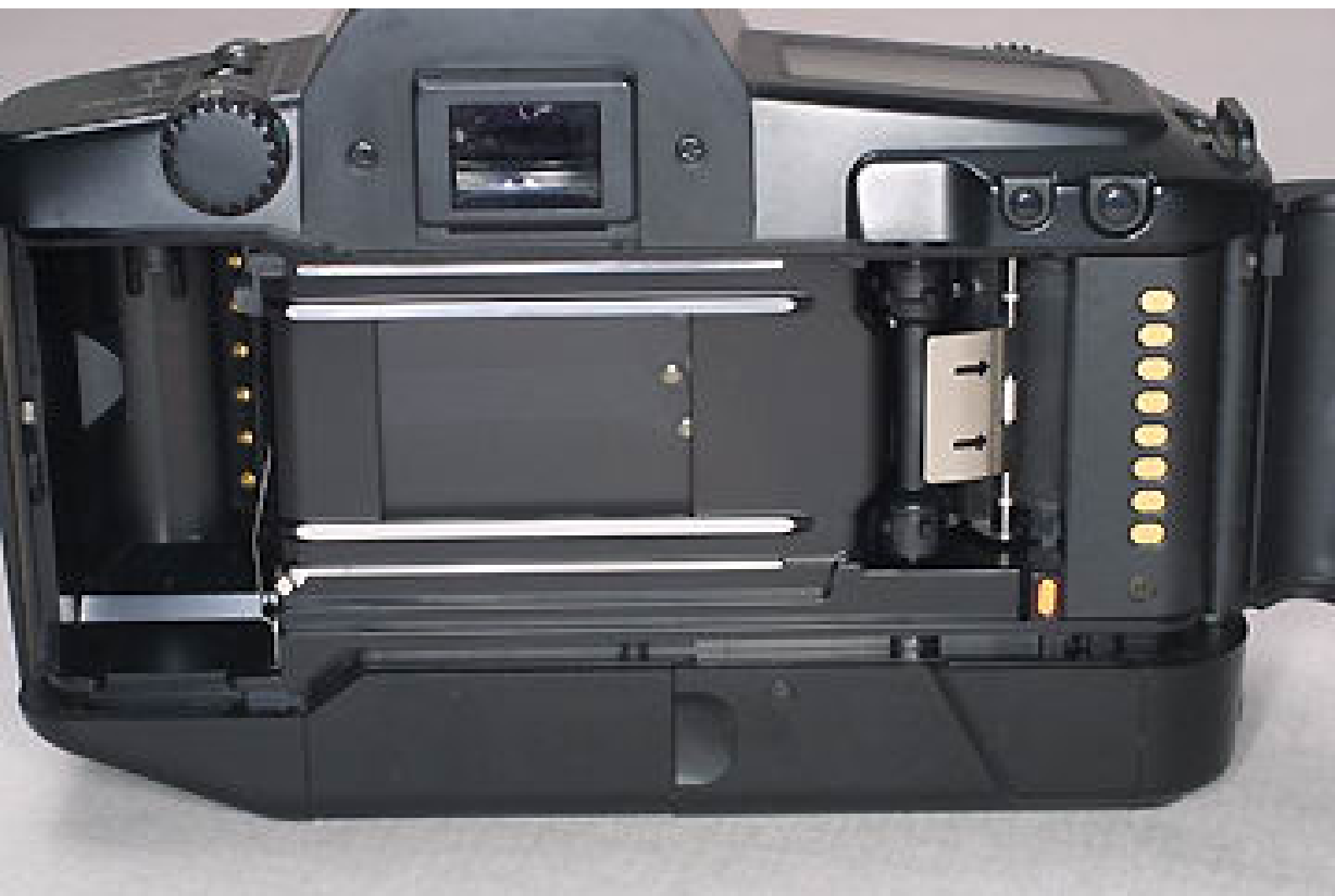






MM 8888 8.8 24 ●







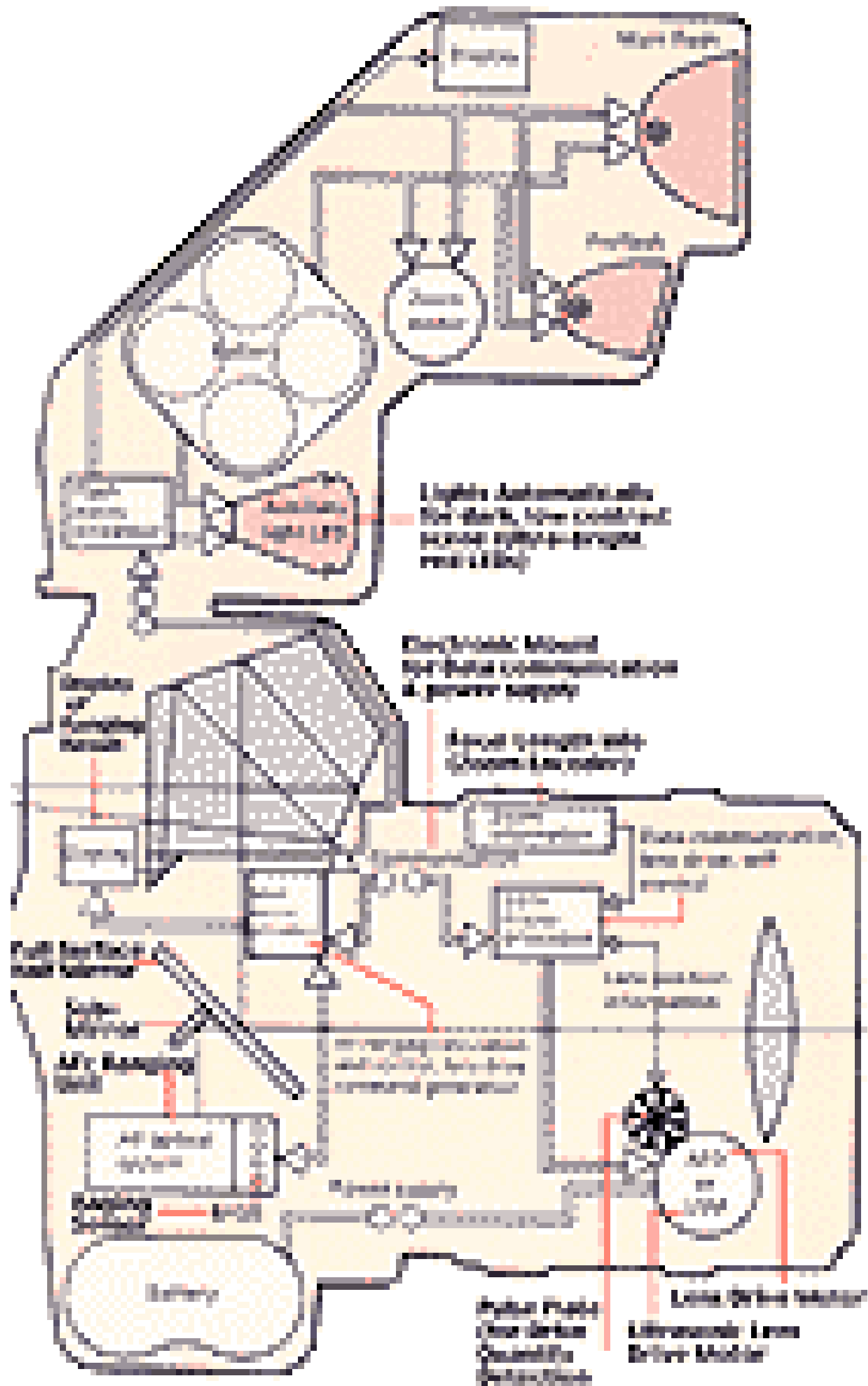












Canon
EOS
620·650















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DESIGNED FOR THE FUTURE

EOS 620

ULTRA-FAST AND PRECISE AUTOFOCUS RAISES
YOUR EXPERTISE TO NEW CREATIVE HEIGHTS.





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	Screen	A/L	B	C	D	E	G1	G2	G3	G4	H1	H2	H3	H4	J	K/P	M	R
Lens																		
Fisheye	6mm f/2.8																	
	8mm f/2.8																	
	16mm f/3.5																	
Wideangle	15mm f/5.6																	
	20mm f/3.5																	
	24mm f/2.8																	
	28mm f/3.5																	
	28mm f/2																	
	35mm f/2.8																	
	35mm f/2																	
	35mm f/1.4																	
	50mm f/2																	
Normal	50mm f/1.4																	
	55mm f/1.2																	
	85mm f/1.8																	
Telephoto	105mm f/2.5																	
	135mm f/3.5																	
	135mm f/2.8																	
	180mm f/2.8																	
	200mm f/4																	
	300mm f/4.5																	
	400mm f/5.6																	
	400mm f/4.5																	
	600mm f/5.6																	
	800mm f/8																	
	1200mm f/11																	
Zoom	43-86mm f/3.5																	
	50-300mm f/4.5																	
	80-200mm f/4.5																	
	200mm-600mm f/9.5																	
GN	45mm f/2.8																	
Micro-P	55mm f/3.5																	
PC	35mm f/2.8																	
Bellows	105mm f/4																	
Medical	200mm f/5.6																	
Reflex	500mm f/8																	
Telephoto	1000mm f/11																	
	2000mm f/11																	

Excellent

Acceptable The image is brilliant from edge to edge, but the central rangefinder micropism or cross-hair area is dim. Focus on the surrounding matte area.

Acceptable Slight vignetting or moire phenomenon (in the case of the micropism) affects the screen image. But the image on film shows no traces of this.

Acceptable Incompatible with any lens having a maximum aperture larger than f/2.8 since this decreases the efficiency and accuracy of the screen rangefinder. The in-focus image in the central spot may prove to be slightly out of focus on film. Focus on the surrounding matte area.

Caution: The rear surface of the screen is made of acrylic resin. Special care should be taken to protect it from scratching or excessive pressure.







Canon

Creative photography
that's snapshot easy!

EOS

750-750D
850





	EOS 750/750QD			EOS 850
Temperature	Test method I	Test method II	Test method III	Test method I
Normal (68°F/20°C)	75 rolls (1800 shots)	40 rolls (950 shots)	15 rolls (350 shots)	75 rolls (1800 shots)
Low (14°F/ – 10°C)	45 rolls (1100 shots)	25 rolls (600 shots)	10 rolls (250 shots)	45 rolls (1100 shots)
Test condition	Shutter is released after AF focusing.			
Test interval	20 seconds at normal temperature and 3 minutes at low temperature. Battery is checked after each roll is shot and rewound.			



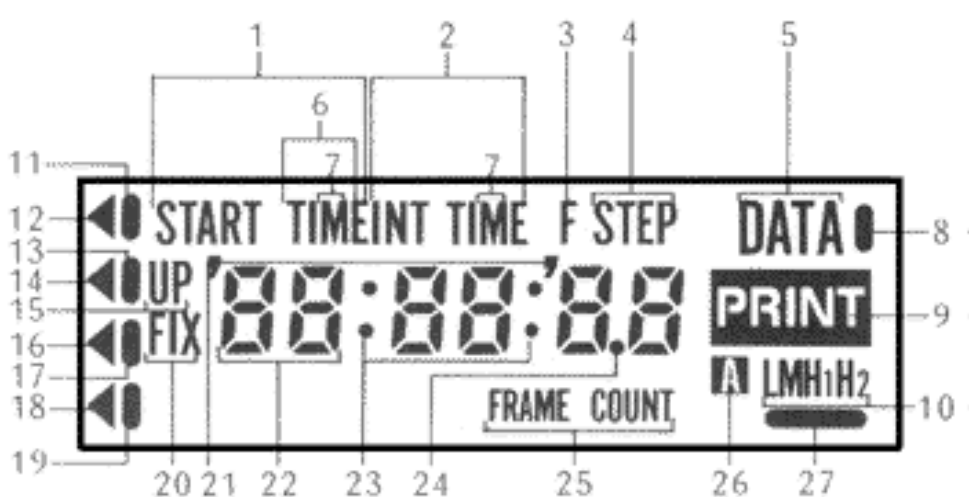


EOS 750









1. Start Time indicator (for Interval Timer operation)
2. Time indicator for Interval Timer
3. Aperture indicator
4. Exposure compensation indicator (for Auto Exposure Bracketing)
5. Data Imprint indicator
6. Shutter speed indicator
7. Month indicator
8. Data Imprint function indicator
9. Data Imprint set indicator
10. Imprint level indicators
11. Interval Timer function indicator
12. Interval Timer set indicator

*Not all indicators appear at same time.



13. Long-Time Exposure function indicator
14. Long-Time Exposure set indicator
15. Sequence number indicator
16. Auto Exposure Bracketing set indicator
17. Auto Exposure Bracketing function indicator
18. Focus Priority set indicator (for Freeze Focus)
19. Focus Priority function indicator (for Freeze Focus)
20. Fixed number indicator
21. Year indicator
22. Display numerals
23. Time indicator colons
24. Decimal point
25. Frame count indicator
26. Imprint level auto adjust indicator
27. Imprint level adjust indicator

750·750 QD
850

