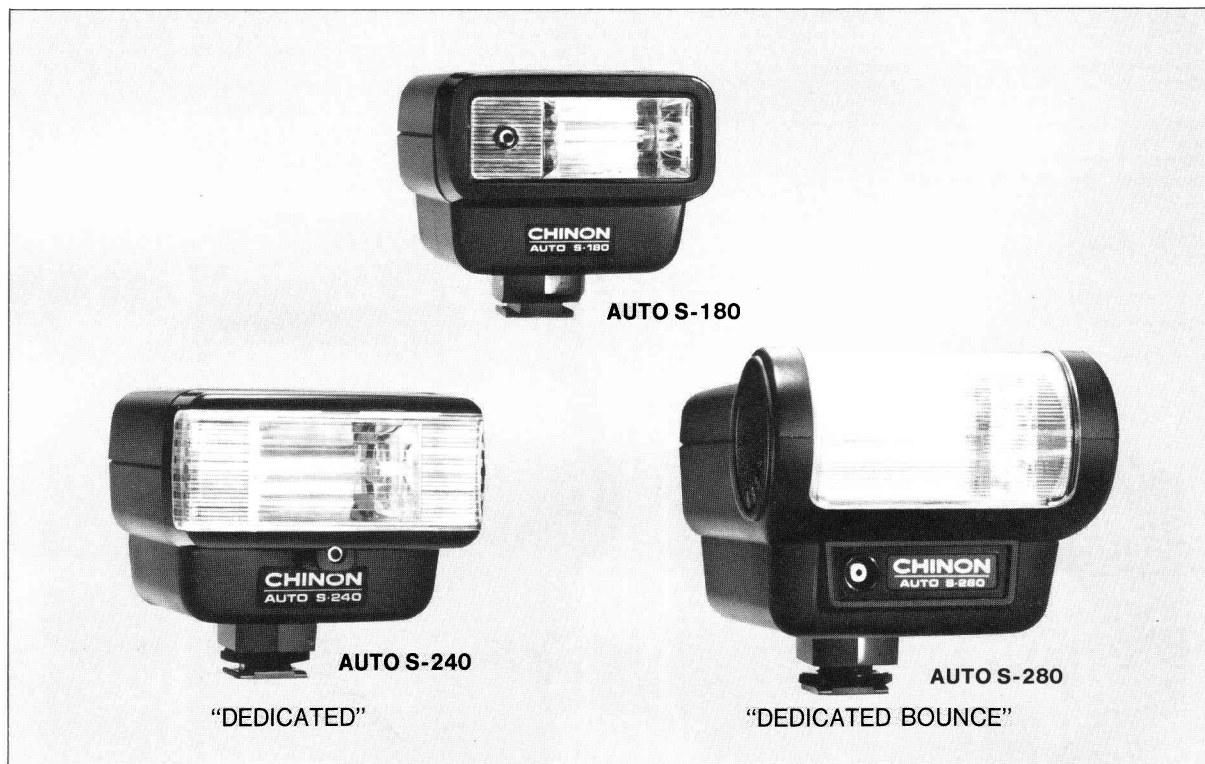


CHINON

AUTO S-180/S-240/S-280

COMPACT, AUTOMATIC THYRISTOR ELECTRONIC FLASH UNITS
FOR CHINON SERIES "4" AND "5" CAMERAS.



SPECIFICATIONS:

Model	Chinon Auto S-180	Chinon Auto S-240	Chinon Auto S-280
● Type :	Automatic Flash	Thyristor Electronic Flash (Power cut-off system)	Thyristor Electronic Flash (Power cut-off system)
● Auto Flash System :	Yes	Yes	Yes
● Dedicated for Series "4" and "5" cameras.	No	Yes	Yes
● Guide Number in M			
• ASA 100	18	24	28
• ASA 400	36	48	56
● Setting :	One aperture setting	Two aperture settings	Two aperture settings
• ASA 100	F4	F4/F8	F4/F8
• ASA 400	F8	F8/F16	F8/F16
● Manual Flash :	Yes	Yes	Yes
● Auto-operation :			
F4 (ASA 100) }	1m - 4.5m (3.28 - 14.76 ft)	0.7m - 6m (2.30 - 19.68 ft)	0.7m - 7m (2.30 - 22.96 ft)
F8 (ASA 400) }	No	0.7m - 3m (2.30 - 9.84 ft)	0.7m - 3.5m (2.30 - 11.48 ft)
F8 (ASA 100) }			
F16 (ASA 400) }			
● ASA Range :	25 - 400	25 - 400	25 - 400
● Sensor Acceptance Angle :	Approx. 20°	Approx. 20°	Approx. 20°
● Flash Duration :			
{Auto	1/30000 - 1/1500	1/30000 - 1/750	1/30000 - 1/750
{Manual	1/1500	1/750	1/750
● Recycling Time :			
Auto	10 - 30 sec.	0.5 - 30 sec.	0.5 - 30 sec.
● Number of flashes :	Approx. 150 on manual	Approx. 200 on manual	Approx. 150 on manual
(Alkaline batteries)			
● Bounce capability :	No	No	Yes
● Illumination Angle :	for 35mm lens	for 35mm lens	for 35mm lens
● Power Source :	Two AA size batteries (DC 3V)	Four AA size batteries (DC 6V)	Four AA size batteries (DC 6V)
● Open Flash Button :	Yes	Yes	Yes
● Sync. Jack :	Yes	Yes	Yes
● Dimensions :	51 × 69 × 82 mm (2" × 2 3/4" × 3 1/4")	58 × 77 × 85 mm (2 1/4" × 3" × 3 1/8")	56 × 133 × 77 mm (2 1/8" × 5 1/8" × 3")
● Weight :	160 g. (5.6 oz.)	210 g. (7.4 oz.)	250 g. (8.8 oz.)