

POSTED 6-27-'04

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**exposure
meter**

no. 9707

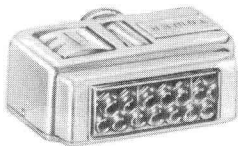
TOWER

A TOWER 35 mm CAMERA ACCESSORY **for ALL cameras with standard accessory clip**

This Tower Exposure Meter is a highly accurate, compact instrument. Specifically designed as a convenient accessory for all cameras equipped with a standard accessory clip.

Simple to operate, it gives correct exposure information under all lighting conditions when using black and white or color film, either indoors or outside.

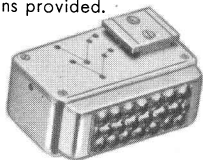
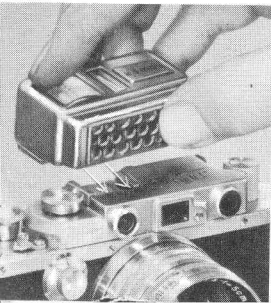
Precision engineered and skillfully constructed to maintain constant accuracy... never requires "zeroing" or needle adjustment.



HOW TO USE THE METER

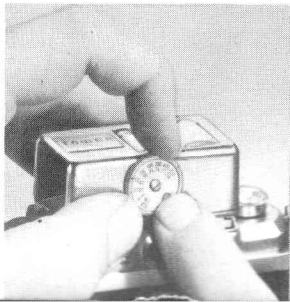
1. Attach meter to accessory clip on camera.

Meter location on camera may be changed by moving the accessory shoe to a different position on bottom of meter. Simply remove the two screws from base of shoe and install at one of the alternate locations provided.

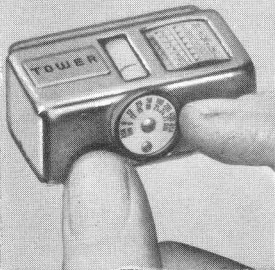


2. Set meter for correct film speed (ASA rating) of film being used:

- Hold outer ring of computer knob firmly to prevent turning.
- Turn film speed scale (center of computer knob) until film speed number is lined up with marker. (If number is black, line up with black marker; if number is red, line up with red marker.)



Taken from www.butkus.org/chinon



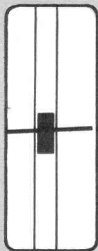
3. Point meter toward subject; turn computer knob of meter until a marker is directly under the needle. Then select a lens opening and shutter speed suitable for your camera and the type of picture to be taken.

This index gives the film speed of the most widely used films.
 If a film is not listed, consult the film instructions.

ASA FILM RATINGS

Daylight	Film	Tungsten
64	Tower Panchromatic	40
50	Tower Orthochromatic	25
50	Verichrome	25
50	Plenachrome	25
50	Plus X	40
100	Super XX	80
10	Kodachrome Daylight type	
	Kodachrome Type A (Tungsten)	16
25	Kodacolor Daylight type	
	Kodacolor Type A (Tungsten)	20
12	AnSCO Color Daylight	
	AnSCO Color Tungsten	12
8	Ektachrome Daylight type	
	Ektachrome Type B (Tungsten)	10

TOWER PHOTOGRAPHIC EQUIPMENT IS SOLD ONLY BY SEARS, ROEBUCK AND CO.



16	2	5	11
22	1	10	8
32	2	25	5.6
45	4	50	4
	8	100	2.8
	15	250	2
	30	500	1.4

LENS
OPENING
SCALE

SHUTTER
SPEED
SCALE

Shutter speeds with black triangle in upper left corner of frame are fractions ($1/2$ to $1/500$ sec.) Remaining numbers are whole seconds (1 to 30).

If both red and black numbers appear on lens opening scale, select a number the same color as the marker under the needle.

INDOOR PICTURES

Since film has a different ASA rating for artificial light, set meter for the correct indoor (Tungsten) film speed when taking indoor pictures. Always re-set meter for daylight film speed before taking pictures outside. (Note: When using a flash bulb, use exposures recommended by flash bulb manufacturer.)

FILTERS

When using a filter with black and white film, set meter for *corrected* film speed as determined by the filter factor. (Example: If ASA Daylight rating is 100 and filter factor is 2, corrected film speed would be $100 \div 2$ or 50.)

Note: This meter measures reflected light only.

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