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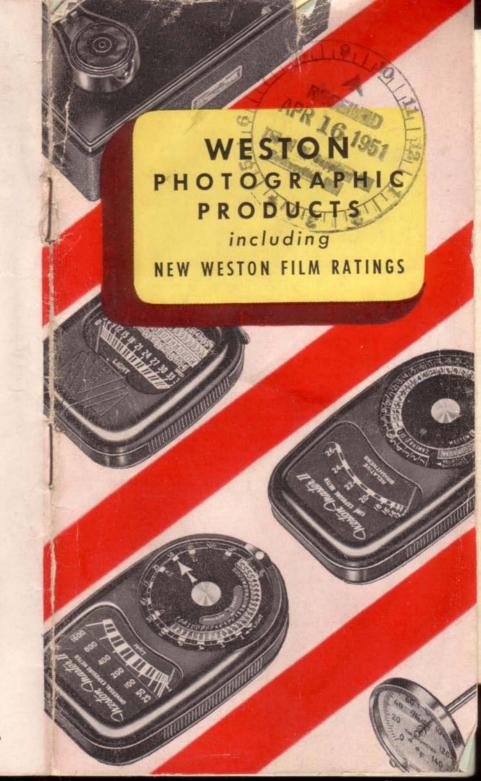
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WESTON-Master II EXPOSURE METER

Rich, vivid color and sparkling black-and-white pictures are yours with the Weston Master II Universal Exposure Meter. No more guessing at camera settings—no more film losses! Close-ups—portraits—landscapes—indoor or outdoor shots with movie or still camera, whatever your exposure problem—it's easily solved with a Weston!



the meter most photographers use!



For better pictures whether you're a beginner, advanced amateur or experienced professional rely on a Weston Master II—the first and finest in exposure meters!

THE Master II CINÉ EXPOSURE METER

For top-quality movies in color or black-and-white the Master II Ciné has no equal. You can shoot action shots with greater confidence and avoid picture disappointments and costly film failures.

Slim, compact, rugged and tough the Weston Ciné is an ideal companion for your movie camera.

THE Master II IS EASY TO USE

aim the meter at the scene (or subject) and note its reading.

adjust the control dial to obtain the proper exposure (f:stop and shutter speed) for the scene.



set your camera—any combination of f:stop and shutter speed (directly opposite each other) will result in correct exposure.



LIGHT SCALES

To change from high to low light range simply flip open the baffle. The high-light scale disappears and the low-light scale slides into place automatically.

INVERCONE

This Adapter extends the use of Weston Master Exposure Meters to include measurement of incident light where that method is preferred. It consists of an Integrating Cone and Auxiliary Multiplier and is available only in this combination.



Weston Invercone Model 9925....\$3.00

THE WESTON SYSTEM OF EMULSION RATINGS

Correct exposure depends upon (1), the accurate measurement of light and (2), the proper speed rating to be applied to the emulsion of the film being used. The Weston System provides ratings that have long been universally accepted in photographic circles.

Development practices have a great influence on emulsion ratings. Weston tests films and plates using the development recommended by the manufacturers. Many photographers, however, prefer their own development and Weston has recognized this by rating emulsions according to Group Numbers.

The number given for each film represents a group of three consecutive emulsion speeds. Each group contains a rating based on recommended processing with one value below and one above this figure. If, by using the recommended rating (middle number), negatives are thinner or denser than desired, then use another number within the group or even outside the group. Lower numbers give denser negatives and greater shadow detail while higher numbers give thinner negatives.

A few test shots will quickly show the rating which best fits your equipment and development technique for a particular film.

The following table shows the group number and the three emulsion speeds it represents.

DA	AYLIGHT	TUNGSTEN				
Group No.	Speed Range	Group No.	Speed Range			
200	160-200-250	125	100-125-160			
100	80-100-125	64	50- 64- 80			
50	40- 50- 64	32	24- 32- 40			
24	20- 24- 32	16	12- 16- 20			
12	10- 12- 16	8	6- 8- 10			
6	5- 6- 8	4	3- 4- 5			
3	2.5- 3- 4	2	1.5- 2-2.5			
1.5	1.2-1.5- 2					

Photoflood lamps require tungsten values.

WESTON FILM RATINGS

★ COLOR			ROLLS AND PACKS		PORTRAIT AND COMMERCIAL			· \{	
	Since color film must be proces	sed under		aylight oup No.	Tungste n Group No.		Daylight	Tungsten Group No.	www.
	carefully controlled conditions and		ANSCO	p			100h 140.	4: vup 110.	♀.
	exact to obtain proper color	rendition,		100	64	ANSCO	000	405	þ
	ratings are shown in single num	bers only.	Superpan Press	100 50	32	Triple S Pan	200	125	<u>ब</u>
	Daylight	Tungsten	Plenachrome	50	32 32	Triple S Ortho	100 50	64 32	~Ç~
	1.144		GEVAERT			Isopan	50 50	32 32	phancameras
	ANSCO			50	32	Commercial Ortho	24	16	ne
	Roll and 35mm Film:		Superchrome	50	32 32	Commercial	24	8	\vec{a}
	Daylight Type 10	40	KODAK			DEFENDER	?		
	Tungsten Type	10	Super-XX	100	64	Hi-Speed Pan	200	125	.com
	16mm Film:		Plus-X	50	32	Arrow Pan	100	64	3
	Daylight Type 8	10	Super Ortho Press	50		X. F. Pan	50	32	
	Tungsten Type	12		100	32	X. F. Ortho	50	16	
	Sheet Film:		Verichrome	50	32	Ortho 7	100	64	
	Daylight Type 8	8		· · • •	8††	Pentagon	24	16	
	Jungsten Type	9	POLAROID	•		F. G. Pan.	24 24	16* 16	
	KODAK		Type 40 Ortho	100	64	Portrait	24	8	
	Kodachrome—(Except Pro. Film):	•	Type 41 (Black & White)	100	64	Seed 23 Plate	6	. 2	
	Daylight Type 8	3s	. DDFAA FUR	40	-	Seed 27 Plate	24	8	
	Type A	12	PRESS FILM	15		GEVAER	r	,	
	Kodachrome—Pro. Sheet Film:		ANSCO				50	32	
	Daylight Type	• • • •	Superpan Press	100	64	Ortho Portrait	50	32	
	Type B 4*	6†	DEFENDER				30		
	Ektachrome—Roll Film:		Ortho 7	100	64	KODAK	000	405	
	Daylighi Type 6		KODAK			nchramatic	200 100	125 64	
	Ektachrome—Pro. Sheet Film:		Super Panchro-Press,			Super-XX	100	64	
	Daylight Type 6	• • • •	Type B	100	64	S. S. Ortho Portrait	50	16	
	Type B 5*	8†	Super Ortho-Press	100	. 32	Portrait Pan	50	3 2	
	Ektacolor	6	Super Panchro-Press	100	64	Commercial Ortho	24	. 8	
	Kodacolor—Roll Film:		Plate Super Panchro-Press,	100	04	Commercial (and Matte)	24	8	
	Daylight Type 20		Sports Type	200	125	Panatomic-X	24	16	
	Type A 12s	20				Polychrome Plate	24 24	8	
t.	- 1		8 AND 16 MM. M.	. P. FII	LM	50 Plate	24	8	
	BAINIATION GARANT PIL	MC	Ratings in single numbers on			33 Plate	12	4	
	MINIATURE CAMERA FIL	.MI3	ANSCO	,		33 Plate Matte	12	4	
	Pauliaka	Tungeto-	Triple S. Pan Rev	100	64	Wratten Pan Plate	12	8	
		Tungsten Group No	Hypan Rev	32	24	Commercial Plate	12	8	
	GIOUP NO	. Group No.	Supreme Negative	50	32	Super Ortho-Press Plate	100	64	
	ANSCO		GEVAERI	Γ		Super Panchro-Press	100	64	
	Ultra Speed Pan 100	64	Ultra Pan Rev	50	32	PlateX Plate	24		
	Supreme	32	Super Pan Rev	20	. 10	Tri-X Pan Type B Plate	100	64	
	Jopieme		Micro Pan Rev	10	• • • •	Tri-X Pan Type B,			
	DU PONT		KODAK	4.00		Matte Plate	100	64	
	Superior 2 50	3 2	Super-XX Pan Rev	100	80		ND 51	ATPO	_
	Superior 3	64	Ciné-Kodak Pan Rev	8 32	6 24	PROCESS FILMS A	ND PL	VIF2	•
	Microcopy	2**	Super-X Pan Rev		24	والمقامط أماني والمسائم سيأته مطا	n fram	a white en	ir-
			UNIVERSA	AL 24	12	Reading should be take		A MILLE 20	•-
	GEVAERT		Univex—100 up	24	12	DEFENDI	ER	***	
	Microgram 24	16	* IMPORTANT: W	hen u	sing the	Process	12	4	
	Panchromosa 50	32	Weston Cadet Exposure			Process Pan	12	8	
	KODAK		film, use a film rating			KODAK	(
			than the rating listed al	bove.		Contrast Process Ortho	• 	8	
	Super-XX 100	64	* Exposed through Wro		ilter 85B.	Contrast Process Pan		8	
	Plus-X	64 32	† 3200° K Light Only	La Este		Process Plate	6	1	
	Direct Positive Pan Rev. 50	32 32	s — With Recommend ** Read from white care		er. }	M Plate		32	
	Micro-File	2**	†† Exposed through Wro		Filter 25	Process Pan Plate		32	
4	Infrared	8††	T Exposed infought Wild			Metallographic Plate	• • • •	16	
*									

WESTON FILM RATINGS

Shutter Time For Motion Picture Cameras 16 Frames per Second

Camera	Time (Sec.)
Ansco Model B	. 1/30
Auricon	. 1/50*
Bell and Howell Golf 70, 71, 75, 141, 153 .	. 1/40
Bell and Howell (all others)	. 1/30
Bolex H-8, H-16 and L-8	. 1/30
Briskin 8	. 1/30
Cinklox	. 1/30
DeJur Amsco	. 1/30
Devry	. 1/30
Eastman Kodak	. 1/30
Franklin	. 1/30
Keystone K-8, K-22, K-36	. 1/40
Keystone (all others)	. 1/30
Maurer	. 1/30*
Mitchell	. 1/30
Paragon	. 1/30
Pathe 16	. 1/30
Revere	. 1/30
Simplex	. 1/40
Stewart Warner	. 1/50
St. W. Hollywood and 532A	. 1/40
Sept	. 1/90
Universal	. 1/30
Victor	. 1/30
Zeiss Kinamo	. 1/30
*24 FPS	77-1

Note:—The difference in shutter time for the same number of frames per second is due to the varying size of shutter openings.

Shutter speeds of multi-speed cameras are proportional. If your camera shows a shutter speed of 1/30 sec. for 16 frames then for 64 frames per sec. the shutter speed will be four times as fast or 1/120 sec., etc.

The shutter exposure times listed above are those on the exposure control dial on the meter. They are the closest values to the actual shutter exposure times of the respective cameras.

Note:—All Film Ratings established by Weston may be reproduced by others, if designated as "Weston Film Ratings", without specific permission.

WESTON Cadet EXPOSURE METER

A versatile, moderately priced, reflected and incident light meter designed especially for the amateur picture taker. Compact, rugged and easy to use, the Cadet assures correct exposure for still or movie cameras . . . in or out-of-doors . . . with color or black-and-white film.





tated to cover the cell.

WESTON PHOTOGRAPHIC THERMOMETER



The Modern
Thermometer For The
Modern Darkroom

This all-metal thermometer is a rugged aid in your darkroom. Indexed at 68°F, its accuracy is within 1°F over the entire range.

Hang it over any container or let it rest on its feet, it won't roll and stays in easy reading position.

Shockproof and corrosion-resistant, this thermometer will give years of valuable service.

Model 2265 \$8.00

WESTON PHOTOGRAPHIC ANALYZER

The Model 877 Photographic Analyzer is basically a combination densitometer and illumination meter designed for the professional photographer or serious amateur to measure and control processing of black-and-white and color prints.

By removing the photoelectric cell from the arm, the Analyzer can be used as an Illumination Meter. The illumination on enlarging easels or the light levels on printer platens can readily be determined ... see your dealer for a demonstration.

