

Product designation

Flashmeter FCM 2

Article no. 36.316.00

Product description

The broncolor FCM 2 is a time-integrating exposure meter for flash and continuous light measurement and for measuring a combination of both light sources. Both values can be stored separately and displayed separately or accumulatively. Multiple flash measurement is possible even if the individual flashes are of varying intensity. The flash is triggered via sync cable or integrated 2-channel transmitter. The flash power of broncolor Grafit/Grafit A Pulso/Pulso A, Opus/Opus A power packs can be controlled with the flashmeter FCM 2 by infrared pulses in 1/10, 1/3 or 1/1 stop steps. A measuring probe can be connected to the units, allowing a TTL measurement in the focal plane. Single- or multiple point contrast measurement can also be made. The unit is easy to operate, functional and designed for studio needs.

Scope of delivery

Flashmeter FCM 2, shoulder strap, bag, operating instructions

Probe for FCM 2, adapter to Sinar Booster and battery 9 V must be ordered separately

Technical data

Measuring range	
flash and mixed light	f: 1.0 to f: 90 9/10 with 100 ISO
continuous light	EV 0 to EV 22.9 with 100 ISO
Measuring time	
flash and mixed light	1/500 s to 1/8 s
continuous light	1/500 s to 30 s
Measured value display	f: 1.0 to f: 180 9/10 in 1/10 stop steps
Display field	liquid crystal display
Film sensitivity	3 to 4000 ISO
Synchronization	2-channel infrared signal, sync cable, starter photocell
Dimensions	145 x 80 x 36 mm
Weight	200 g

Compatibility

Power packs

Grafit 2, 4, A2, A4, A2 RFS, A4 RFS, A8 RFS,
A2 plus, A4 plus
Topas A2, A4, A8
Nano 2, Mobil
Primo, Primo A, Primo A fashion, Primo 4
Pulso 2, A2, 4, A4, 8,
Opus 2, A2, 4, A4, A8
Minipuls C*

* The Minipuls C units can only be triggered with the FCM 2 from (year of production 1/95) over the additional channel "9".

Accessories

Measuring probe for the FCM 2 art. no. 36.323.00, measuring cassette 4x5", clamp attachment for FCM 2 on large format cameras.

Special features

Infrared release and operation of broncolor power packs, possibility for the user to set a correction (+/- f-stop) of the displayed reading.

Application

A unit that takes its special place in all areas of photography, particularly in professional studio flash photography. Owing to separate measurement of flash light and environmental light in one common procedure, extremely difficult light situations can be brought under control. Advantages of this unit lie in its easy operation, in its universal application as normal measuring unit for flash and continuous light and in its possibility to work with the measuring probe. Since a measurement in the focal plane is rejected by many photographers in view of the assumed complexity of the measuring method, it pays to convince the photographer of the simplicity and applicability of this method by a trial demonstration. The unit FCM 2 shows a substantial increase of sensitivity, particularly with continuous light (up to 6.3 f-stops) in comparison with FCM.