



LEICA M-D (TYP 262)

Technical data.



Product	Leica M-D (Typ 262)
Order no.	10 945
Camera type	Compact digital view and range finder system camera
Lens attachment	Leica M bayonet with additional sensor for 6-bit coding
Lens system	Leica M lenses from 16 to 135 mm
Picture format/ image sensor	CMOS type, active area approx. 23.9x35.8 mm (corresponds to usable format of analog Leica M models)
Resolution	5976 x 3992 pixels (24 MP)
Data format	DNG™ (raw data), compressed loss-free, JPEG
File size	Depends on subject
Buffer memory	1 GB
Storage media	SD cards up to 2 GB, SDHC cards up to 32 GB, SDXC cards
Exposure metering	Ambient light: Through the lens (TTL), with working aperture, flash light: TTL metering with system-compatible, SCA-3000/2-standard flash units
Metering principle/ method	By metering the light reflected by light blades of the 1st shutter curtain onto a measuring cell: strong center-weighted; for metering on the sensor: spot, center-weighted, multi-field metering.
Metering range	Metering the light reflected by light blades of the 1st shutter curtain onto a measuring cell: heavily center-weighted
Sensitivity range	ISO 200 bis ISO 6400, can be set manually in 1/3 ISO steps
Exposure mode	Choice of automatic shutter speed control with manual aperture preselection – aperture priority A, or manual shutter speed and aperture setting
Flash exposure control	
Flash unit attachment	Via accessory shoe with central and control contacts
Synchronization	To the 1st shutter curtain
Flash sync speed	↔ = 1/180 s; slower shutter speeds can be used if sync time is not met: automatic switching to TTL linear flash mode with HSS-compatible Leica system flash units
Flash exposure metering	With system-compatible flash units, control with center-weighted TTL pre-flash metering
Flash exposure compensation	Flash units with the appropriate specifications: in all modes ±3 EV in 1/3 EV steps
Displays in flash mode	Readiness: by means of constant lighting of the flash symbol LED in the viewfinder, success control: by further lighting or temporary fast flashing of the LED after the picture has been taken, underexposure display: by the LED going out temporarily
Viewfinder	
Viewfinder principle	Large, bright, combined bright-line viewfinder with automatic parallax compensation
Eyepiece	Calibrated to -0.5 dpt., corrective lenses from -3 to +3 diopter available
Image field indication	By activating two bright-line frames each: for 35 and 135 mm, or for 28 and 90 mm, or for 50 and 75 mm; automatic switching when lens is attached; frame color: white
Parallax compensation	The horizontal and vertical difference between the viewfinder and lens is automatically balanced by moving the bright-line frame in line with the relevant distance setting

Matching viewfinder and actual image	At a focusing distance of 2m, the bright-line frame size corresponds exactly to the sensor size of approx. 23.9x35.8 mm; at infinity setting, depending on the focal length, approx. 7.3% (28 mm) to 18% (135 mm) more is recorded by the sensor than indicated by the corresponding bright line frame and slightly less for shorter distance settings than 2m
Magnification	(for all lenses) 0.68 x
Long base rangefinder	Split or superimposed image range finder shown as a bright field in the center of the viewfinder image
Effective metering base	47.1 mm (mechanical measurement base 69.25 mm x viewfinder magnification 0.68 x)
Displays	Four-digit digital display with dots above and below, displays
Shutter and shutter release	
Shutter	Metal blade focal plane shutter with vertical movement
Shutter speeds	For aperture priority: (A) continuous from 60 s to $\frac{1}{4000}$ s, with manual setting: 8 s to $\frac{1}{4000}$ s in half steps. B: For long-time exposures up to max. 60 s, \leftarrow ($\frac{1}{800}$ s): Fastest shutter speed for flash synchronization, HSS linear flash mode possible with all shutter speeds faster than $\frac{1}{800}$ s with Leica system flash units with appropriate specifications
Activation of shutter release button	By integrated motor, low noise operation
Shutter release button	Two-stage, 1. Activation of exposure metering and exposure lock (in aperture priority mode), 2. Resolution
Turning the camera on/off	With main switch on the camera top panel, reactivation by touching the shutter release button
Power supply	1 lithium ion rechargeable battery, nominal voltage 7.4V, capacity 1800 mAh.; capacity indicated in the viewfinder, operating conditions (in camera): 0° - 40°C; Model No.: BP-SCL2; Manufacturer: PT. VARTA Microbattery, Made in Indonesia
Charger	Inputs: 100 - 240V AC, 50/60 Hz, 300 mA, automatic switching, or 12V DC, 1.3 A; Output: Direct current nominal 7.4V, 1000 mA/max. 8.25V, 1100 mA; operating conditions (charging): 10° - 30°C; Model No.: BC-SCL2; Manufacturer: Guangdong PISEN Electronics Co., Ltd., Made in China
Camera body	
Material	All-metal magnesium/aluminum body, leather covering, brass top panel and base, black lacquered finish.
Tripod thread	A $\frac{1}{4}$ ($\frac{1}{4}$ ") DIN DIN stainless steel in bottom
Operating conditions	0 - 40°C
Interfaces	ISO accessory shoe
Dimensions (L x H x D)	Approx. 138.6 x 42 x 80 mm (5.45 x 1.65 x 3.15 in)
Weight	Approx. 680 g (24 oz) (with battery)
Package contents	Charger 100 - 240V with 2 mains cables (Euro, USA, varies in some export markets), lithium-ion rechargeable battery, carrying strap, housing bayonet cover, cover for accessory shoe

Subject to changes in design, production and availability.