



LEICA M-P (Typ 240) „TITANIUM“

Technical Data.



Product

Name:	LEICA M-P (Typ 240) “Titanium”, clear lacquer finish
Camera type:	Compact digital view- and rangefinder system still and video camera
Lens mount:	Leica M bayonet with additional sensor for 6-bit coding
Lens system:	Leica M lenses, Leica R lenses with optional Leica R-Adapter M
Top Cover:	Solid titanium top cover with integrated thumb rest
Material:	All-metal case made of die-cast magnesium; black full-grain leather covering. Cap, base plate and the control elements time setting dial, main switch, shutter release button, setting wheel, direction pad, info button, focusing button, lens release button and image field selector made of solid titanium.
Image Sensor:	LEICA MAX 24 MP CMOS Sensor
Number of effective Pixels:	24 Million Pixels
Sensitivity range:	ISO 200 – ISO 6400, Pull 100 available, Auto ISO
Imaging Platform:	Integrated imaging circuit with Leica Maestro® Image processor
Electronic Viewfinder:	Optional available, can be used for Live View and Play functionality
LCD Monitor:	3” TFT Display with 920.000 Pixels, scratch resistant cover glass made of sapphire glass
Shutter:	Dual type focal plane shutter for classic image exposure and Live view
Shutter Speed:	1/4000s – 60s (in Bulb), 1/180s flash synchronization
Burst rate:	3fps (until buffer of 2 GB is filled)
Self timer:	2s / 12s
Storage Media:	SD / SDHC / SDXC Memory Cards
Imaging functions	
Image File Format:	DNG™ (RAW data uncompressed or lossless compressed), JPEG



File Size:	DNG approx. 20 Mbyte – approx. 30 Mbyte (compressed)/ 48,2 MByte (uncompressed), JPEG: Resolution and image content dependent
Available JPG Resolutions:	5952px*3976px (24 MP), 4256px*2832px (12 MP)/ 2976px*1984px (6MP) / 1600px*1080px (1,7MP)
Color Spaces:	sRGB / Adobe®RGB
White Balance:	Auto / Daylight / Cloudy / Shadow / Tungsten / Fluorescent warm /Fluorescent cool / Flash / Manual (Greycard) / Kelvin 2000-13100
Other functions:	Film Modes, Saturation, Contrast, Sharpening
Movie recording	
Movie Recording:	Single frame video compression (Motion JPG), Quicktime format (mov)
Movie resolution:	1080p, 720p, 640*480 (VGA)
Movie sampling rate:	25 fps, 24 fps, 30 fps (VGA only)
Microphone:	Mono, stereo microphone adapter optional available
Audio recording:	Auto level adjustment, manual level adjustment (available while recording), concert preset
Exposure Control	
Exposure Metering:	In classic viewfinder mode: Through the Lens (TTL) metering, center weighted with variable aperture. In Live View and advanced viewfinder mode: Through the Lens (TTL) metering, center weighted, spot or multifield measuring. Center-weighted TTL metering for flash exposure with system conformant SCA-3000/2 standard flash units.
Exposure setting:	Manual shutter speed setting with direct dial, A-Mode with direct dial
Exposure Modes:	Automatic shutter speed (A-Mode), Manual Exposure (M-Mode)
Exposure:	
Compensation:	-3 EV to +3 EV, 1/3 f-stops
Exposure Bracketing:	3/5 frames, 0.5 / 1 / 2 / 3 f-stops
Flash exposure Control	
Flash exposure metering:	Control with center-weighted TTL pre-flash metering (with SCA-3501/3502 adapter, or SCA-3000 standard flash unit such as Leica SF 24D/Leica SF 58).
Hot shoe:	SCA-3502 compatible hot shoe, with center contact
Flash Synchronization:	Optional triggered at first or second shutter curtain
Flash Synch time:	1/180s
Viewfinder / Focusing	
Focusing Methods:	Manual focus with optical rangefinder, Live View, 100% Live View Zoom, Live View focus peaking



Optical Viewfinder:	Large, light bright-line rangefinder with automatic parallax compensation, LED illuminated frame lines.
Optical Viewfinder frame lines:	Framelines size matches image sensor size at 2m focusing distance. Image field selector for manual frame selection
Optical Viewfinder correction:	Eyepiece adjusted to -0,5 dpt. Corrective lenses from -3 to +3 dpt. available (optional)
Optical Viewfinder Magnification:	0,68x
Optical Viewfinder Displays:	In the viewfinder LED symbol for flash status (at bottom). Four-digit seven-segment LED digital display, brightness adapted to ambient conditions, for: Warning in case of exposure correction; display of automatic shutter speed in automatic mode; advisory indicating use of metering memory lock LED exposure monitor with two triangular and one central circular LED with manual exposure setting
Rangefinder:	Split or superimposed image range finder shown as a bright field in the center of the viewfinder image
Rangefinder effective metering Basis:	47.1 mm (mechanical metering basis 69.25 mm x viewfinder magnification 0.68 times)
Others	
Power Supply:	Li-ion battery (included), 7.4V, 1800 mAh
Horizon:	Yes
User Profiles:	4 Profiles, exportable
Sensor cleaning:	Dust detection, manual cleaning function
Tripod Thread:	A 1/4 (1/4") DIN made of stainless steel in base plate
Dimensions:	approx. 139 x 42 x 80 mm (5,5 x 1,7 x 3,1 in.)
Weight:	595 g (23.9 oz)
Operating Temperature:	0°C - 40°C
Menu languages	English, German, French, Italian, Spanish, Russian, Japanese, Traditional Chinese, Simplified Chinese, Korean
Accessories Included	Battery, Charger with power cables for EU and USA (different in some export markets), 12V charging cable, Carrying strap made of black full-grain leather, Accessory port cover, Body cap
Optional accessories:	Electronic Viewfinder (EVF-2), Handgrip M, Leica Microphone Adapter Set, Leica M-Adapter R, Ever-Ready



Case M, Li-ion Battery BP-SCL2, Battery charger BC-SCL2