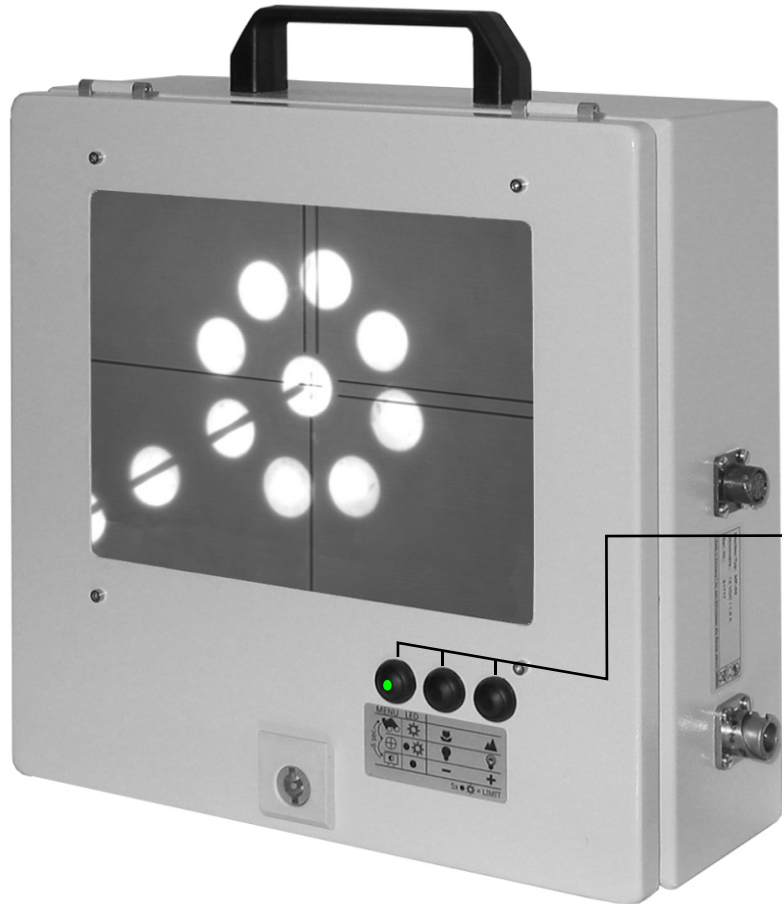


# Monitor with Flat Screen MF-03

The MF-03 has been specially developed for the video surveying system VM-16 and supports the new features tele focusing and digital adjustment of the reticle illumination. The MF-03 is downwardly compatible to the existing video surveying system VM-15 without focusing.



### Connection VM-16 Video Surveying System:

- A = (+) 12 V (supply theodolite + camera)
- B = ground
- C = camera video signal
- D = (+) data bus / reticle illumination
- E = ground reticle illumination
- F = reserved

### Adjustment Push Buttons and LED Operating Mode Display:

- focusing mode (LED activated)
- reticle illumination (LED blinks)
- monitor - brightness/contrast (LED deactivated)

LED blinks 5 x quickly = minimum respectively maximum value is reached. Return to the focusing mode automatically after 5 seconds.

### Operating Voltage:

- A = (+) 10.5 to 14 V/DC
- B = ground

### Please note:

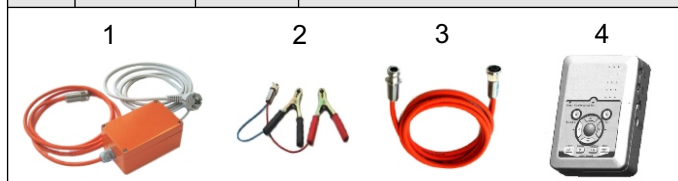
Before starting, the VM-16 must be connected to the monitor, otherwise the monitor runs in the VM-15 compatibility mode with deactivated focusing mode.

## Standard Delivery Package

Photo	Order-No.	Type	Description
1	4005.29	MF-03	MF-03 Monitor with flat screen

## Optional Accessories

Photo	Order-No.	Type	Description
1	0037.09	NE-12/2A	Power unit 85 - 265 V AC <> 12 V DC/2A
2	0047.00		Battery connector, 2-pole C
3	0031.00		Connection cable, 2.5 m, 2-pole C
3	2211.06		Extension cable, 12 m, VM-15 <> MF-03
4	4005.15.001		Digital video recorder



## Specifications

Screen diagonal: . . . . . 26 cm (10.4")  
 Aspect ratio: . . . . . 4 : 3  
 Resolution: . . . . . 800 x 600

Video recording prepared: . . . . . for digital video recorder

Operating voltage: . . . . . 10.5 bis 14 V DC  
 Current consumption: . . . . . max. 1.5 A  
 Operating mode display: . . . . . green LED  
 Reverse voltage protection and low battery cut-out: . . . . . yes  
 Operating temperature: . . . . . 0° C to + 50° C

Housing: . . . . . steel plate, framed with a foamed PU sealing  
 Protection category: . . . . . IP65  
 Dimensions (height, width, depth): . . . . . 340 x 320 x 140 mm  
 Weight: . . . . . 6,0 kg  
 Guarantee: . . . . . 24 months



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