

Product data sheet - Laser Rangefinder 50M

Product description

The Eurotec Laser Measure 50M enables the quick and easy measurement of distances as well as lengths, areas and volumes. It is suitable for general as well as professional use. Measured values can be added and subtracted. The memory function also allows access to the last 10 measurements made. With its robust housing and IP54 dust and splash protection, the laser measure is ideal for daily use on the construction site. The laser measure is delivered with a belt pouch and its compact design means it fits into every trouser pocket. Thanks to its illuminated display and clear button layout, the device is self-explanatory and therefore easy to use. The laser measure offers reliable results within an operating range of 50 meters.



Advantages

- Precise and reliable laser technology 50 meter range
- Simple measurement of distances, areas and volumes
- Includes belt pouch and batteries
- Stores the last 10 measurements

Product table

Art. no.	Dimensions [mm]	Weight [g]	PU
800469	119 x 49.5 x 22	68	1



Product data sheet - Laser Rangefinder 50M

Technical information

Technical information Measurement range 0,05 - 50 m Measurement accuracy ± 2 mm Minimal display unit 1 mm Measurement units 7-Times per second Measurement times 7-Times per second Protection category 1854 Laser hazard dass Category 2 Laser colour 620 - 690 nm Laser colour 620 - 690 nm Maximum laser power ≤ 1 mW Operating temperature range 0 - 40°C Storage temperature 20 - 65°C Battery life Approx. 5,000 individual measurements Battery lyspe 2 x 1.5V LR03 (AAA), 400 mA mox. Fall test 119 x 49,5 x 22 mm Device diamerions 119 x 49,5 x 22 mm Device weight 68 g Device weight 68 g Dutes storage 10 last measurements Material 488 plastic/PR		
Measurement acuracry ± 2 mm Minimal display unit 1 mm Measurement units 7-Times per second Measurement times 7-Times per second Protection category 1 P54 Laser hozard class Category 2 Laser colour Red Laser wovelength 620 – 690 nm Maximum laser power 51 mW Operating temperature range 0 – 40°C Storage temperature 3 pprox. 5,000 individual measurements Battery life Approx. 5,000 individual measurements Battery type 2 x 1.5V R03 (AAA), 400 mA max. Fall test 1.5m height Device dimensions 119 x 49,5 x 22 mm Device weight 68 g Data storage 10 lost measurements	Technical information	
Minimal display unit In m Measurement units m / in / ft / Chi Measurement times 7-Times per second Protection category 1P54 Laser hozard class Category 2 Laser colour Red Laser wavelength 620 – 690 nm Maximum laser power 51 mW Operating temperature range 0 – 40°C Storage temperature Approx. 5,000 individual measurements Battery type 2 x 1.5V LR03 (AAA), 400 mA max. Fall test 115 m height Device dimensions 119 x 49,5 x 22 mm Device weight 68 g Data storage 10 last measurements	Measurement range	0,05 – 50 m
Measurement units m/in/ft/Chi Measurement times 7-Times per second Protection category 1P54 Loser hazard class Category 2 Loser colour Red Loser wavelength 620 - 690 nm Maximum loser power 0-40°C Operating temperature range 0-40°C Storage temperature Approx. 5,000 individual measurements Bottery life Approx. 5,000 individual measurements Bottery type 2 x 1.5V LR03 (AAA), 400 nA mox. Full test 1.5m height Device dimensions 119 x 49,5 x 22 mm Device weight 68 g Data storage 10 last measurements	Measurement accuracy	± 2 mm
Measurement times 7-Times per second Protection category 1854 Loser hazard class Category 2 Loser colour Red Loser wavelength 620 – 690 nm Maximum loser power 0 – 40°C Operating temperature range 0 – 40°C Storage temperature Approx. 5,000 individual measurements Battery life Approx. 5,000 individual measurements Battery type 2 x 1.5V LRO3 (AAA), 400 mA mox. Fall test 1.5m height Device dimensions 119 x 49,5 x 22 mm Device weight 68 g Data storage 10 lost measurements	Minimal display unit	1 mm
Protection category Protection category Protection category Protection category Protection category Category	Measurement units	m/in/ft/Chi
Laser hazard class Category 2 Laser colour Red Laser wavelength 620 − 690 nm Maximum laser power 9 − 40°C Operating temperature range 0 − 40°C Storage temperature 4 pprox. 5,000 individual measurements Battery life Approx. 5,000 individual measurements Battery type 2 x 1.5V LR03 (AAA), 400 mA max. Fall test 1.5m height Device dimensions 119 x 49,5 x 22 mm Device weight 68 g Data storage 10 last measurements	Measurement times	7-Times per second
Laser colour Red Laser wavelength 620 – 690 nm Maximum laser power ≤1 mW Operating temperature range 0 – 40°C Storage temperature 2 × 1.5V LRO3 (AAA), 400 mA max. Battery life Approx. 5,000 individual measurements Battery type 2 x 1.5V LRO3 (AAA), 400 mA max. Fall test 1.5m height Device dimensions 119 x 49,5 x 22 mm Device weight 68 g Data storage 10 last measurements	Protection category	IP54
Loser wavelength 620 − 690 nm Maximum loser power ≤ 1 mW Operating temperature range 0 − 40°C Storage temperature -20 − 65°C Battery life Approx. 5,000 individual measurements Battery type 2 x 1.5V LR03 (AAA), 400 mA max. Fall test 1.5m height Device dimensions 119 x 49,5 x 22 mm Device weight 68 g Data storage 10 last measurements	Laser hazard class	Category 2
Maximum laser power ≤ 1 mW Operating temperature range 0 - 40°C Storage temperature -20 - 65°C Battery life Approx. 5,000 individual measurements Battery type 2 x 1.5V LR03 (AAA), 400 mA max. Fall test 1.5m height Device dimensions 119 x 49,5 x 22 mm Device weight 68 g Data storage 10 last measurements	Laser colour	Red
Operating temperature range 0 - 40°C Storage temperature -20 - 65°C Battery life Approx. 5,000 individual measurements Buttery type 2 x 1.5V LR03 (AAA), 400 mA max. Fall test 1.5m height Device dimensions 119 x 49,5 x 22 mm Device weight 68 g Data storage 10 last measurements	Laser wavelength	620 — 690 nm
Storage temperature -20 – 65°C Battery life Approx. 5,000 individual measurements Buttery type 2 x 1.5V LR03 (AAA), 400 mA max. Fall test 1.5m height Device dimensions 119 x 49,5 x 22 mm Device weight 68 g Data storage 10 last measurements	Maximum laser power	≤1 mW
Battery life Approx. 5,000 individual measurements Battery type 2 x 1.5V LR03 (AAA), 400 mA max. Fall test 1.5m height Device dimensions 119 x 49,5 x 22 mm Device weight 68 g Data storage 10 last measurements	Operating temperature range	0-40°C
Battery type 2 x 1.5V LR03 (AAA), 400 mA max. Fall test 1.5m height Device dimensions 119 x 49,5 x 22 mm Device weight 68 g Data storage 10 last measurements	Storage temperature	-20 − 65°C
Fall test 1.5m height Device dimensions 119 x 49,5 x 22 mm Device weight 68 g Data storage 10 last measurements	Battery life	
Device dimensions119 x 49,5 x 22 mmDevice weight68 gData storage10 last measurements	Battery type	2 x 1.5V LRO3 (AAA), 400 mA max.
Device weight 68 g Data storage 10 last measurements	Fall test	1.5m height
Data storage 10 last measurements	Device dimensions	119 x 49,5 x 22 mm
·	Device weight	68 g
Material ABS plastic/TPR	Data storage	10 last measurements
	Material	ABS plastic/TPR

The user manual and the safety instructions are attached to the Laser Rangefinder 50M.

Application images









If you are not familiar with how this product is used, and particularly with the product's intended use, please contact our Application Technology department (Technik@eurotec.team).