

LASER SCAN MICROMETERS (BASIC TYPE)

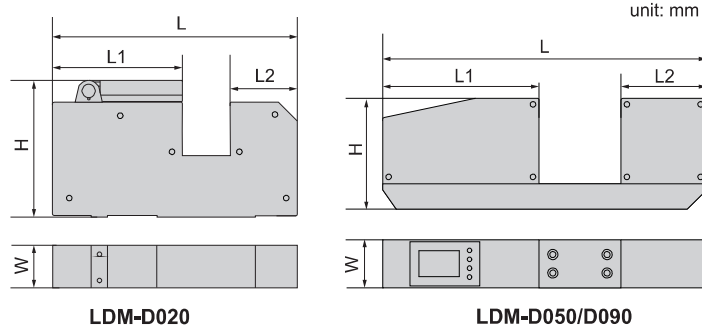


LDM-D020



LDM-D090

- Can measure the width and thickness of flat cables and tapes
- Can measure the outer diameter of cables, pipes and wires
- Laser scanning technology, large measurement range, high accuracy, high repeatability
- Connected with PLC and PC with RS485 interface
- Use high-precision F (θ) mirror, the swing of the measured object does not affect the measurement



LDM-D020

LDM-D050/D090

SPECIFICATION

Code	LDM-D020	LDM-D050	LDM-D090
Measuring range	0.1~20mm	0.4~50mm	0.5~90mm
Accuracy (at 25°C)	$\pm (2+D^{*}/5)\mu\text{m}$	$\pm (3+D^{*}/5)\mu\text{m}$	$\pm (5+D^{*}/5)\mu\text{m}$
Repeatability (at 25°C)	$(1+D^{*}/5)\mu\text{m}$	$(2+D^{*}/5)\mu\text{m}$	$(3+D^{*}/5)\mu\text{m}$
Resolution	0.001mm		
Laser wave length	650nm		
Measuring speed	600 times/s		
Operation environment	5~45°C, ≤80% without condensation		
Output	RS485		
Alarm output	24V, 1A		
Power supply	AC 100~220V, 50/60Hz		
Dimension (L×W×H)	298×72×167mm	400×76×164mm	600×80×185mm
Weight	3.8kg	5.1kg	8.7kg

* D is measuring diameter in mm

Dimension

Code	LDM-D020	LDM-D050	LDM-D090
L	298	400	600
W	71.5	76	80
H	166.5	164	185
L1	163.5	201.5	297.5
L2	87.5	124.5	181.5

STANDARD DELIVERY

Main unit	1pc
V-block	1pc
RS485 cable	1pc

OPTIONAL ACCESSORY

Calibration gage	custom made
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calibration gauge (optional)