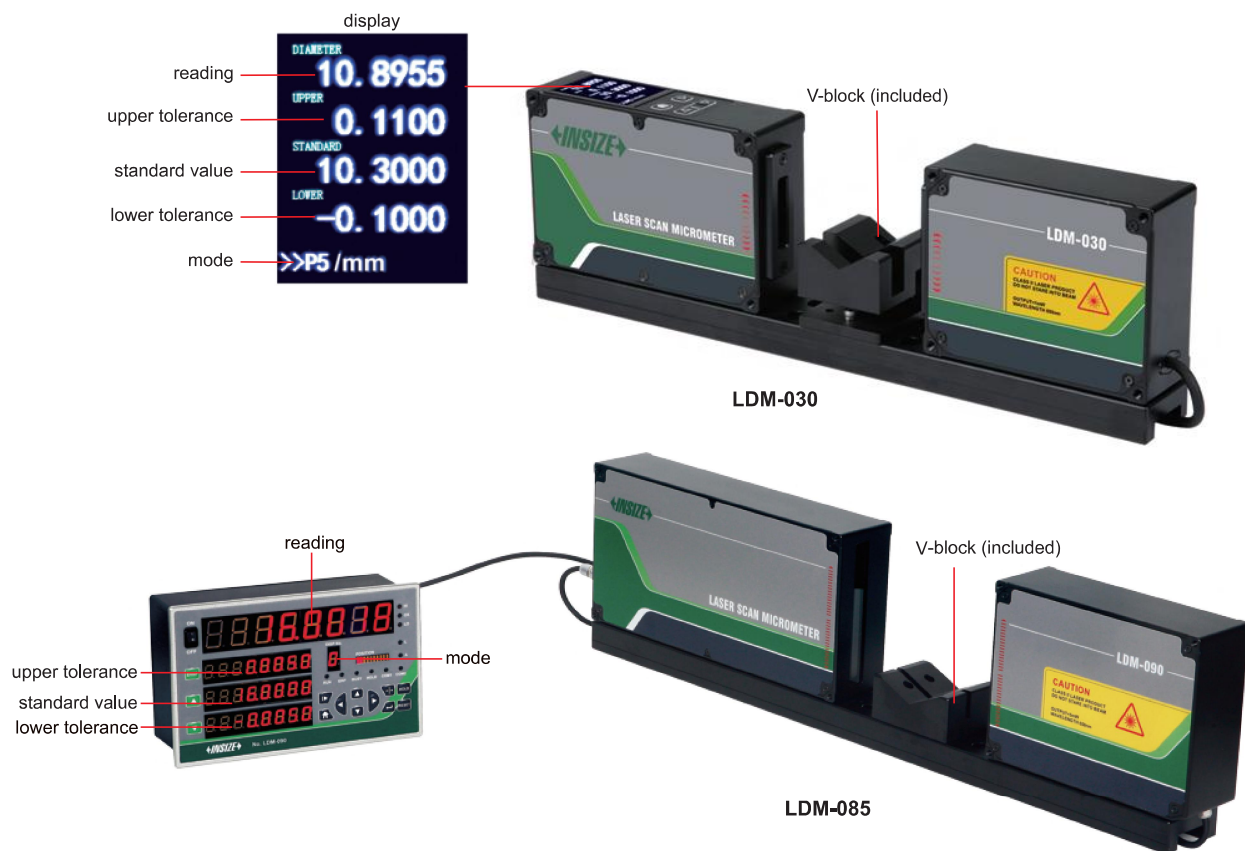


LASER SCAN MICROMETERS (ADVANCED TYPE)

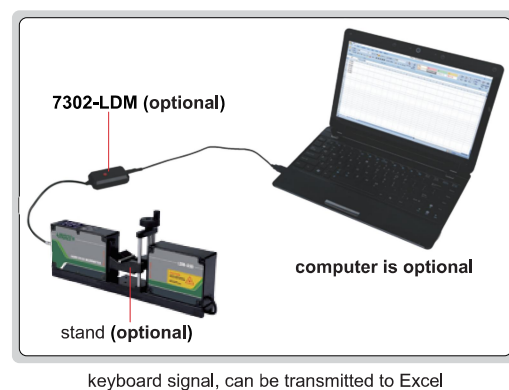


- Measure outer diameter, ellipticity, run-out, maximum diameter of tools, etc.
- Can be used for transparent or non transparent workpieces
- Simultaneous measurement of 4 outer diameters
- Tolerance measurement
- Online or offline measurement
- Connected with computer, PLC, control box

SPECIFICATION

Code	LDM-030	LDM-065	LDM-085
Measuring range	0.1~30mm	0.5~65mm	1~85mm
Accuracy (at 25°C)	$\pm(0.5+10\%D)\mu\text{m}$, D is measuring diameter in mm		$\pm 6\mu\text{m}$
Small-range accuracy (calibration position $\pm 4\text{mm}$, at 25°C) *	$\pm 1\mu\text{m}$		$\pm 2\mu\text{m}$
Repeatability (at 25°C)	$(0.3+5\%D)\mu\text{m}$, D is measuring diameter in mm		$3\mu\text{m}$
Resolution	0.01/0.1/1/10/100 μm selectable		
Laser wave length	650nm		
Measuring speed	800 times/s		
Operation temperature	0~50°C		
Operation humidity	35~85% without condensation		
Output	dual channel RS485, network port		
Alarm output	24V, 1A		
Power supply	DC24V, 2A		
Dimension (L×W×H)	375×46×120mm	495×46×156mm	608×60×162mm
Weight	5kg	8kg	10kg

* The calibration position is set according to the customer's requirements before pre-factory



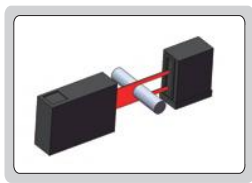
keyboard signal, can be transmitted to Excel



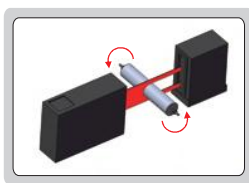
calibration gauge
(optional)



stand (optional)



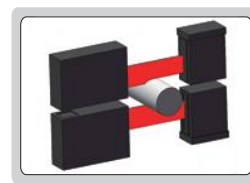
measure external diameter



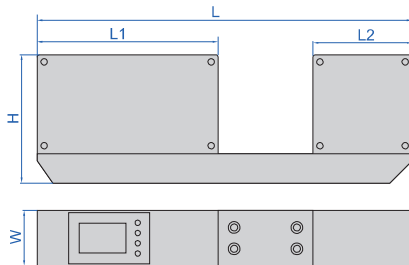
measure ellipticity and run-out



two-axis measurement



large size measurement



Dimension

(mm)

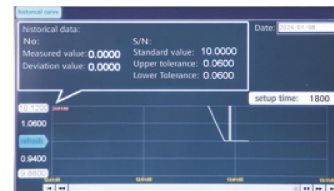
Code	LDM-030	LDM-065	LDM-085
L	375	495	608
W	46	46	60
H	120	156	162
L1	150	180	278
L2	115	152	179



connect to control box (optional)



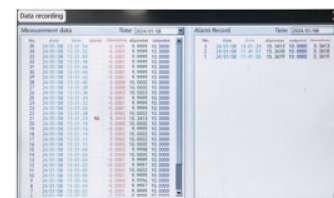
main interface



historical curve



parameter setting



data enquiry

STANDARD DELIVERY

Main unit	1 pc
V-block	1 pc
AC/DC adapter	1 pc
RS485 cable	1 pc

OPTIONAL ACCESSORY

Data output cable (keyboard format)	7302-LDM page 17
Stand	LDM-V1
Calibration gauge	custom made
Control box	custom made
Computer software	custom made