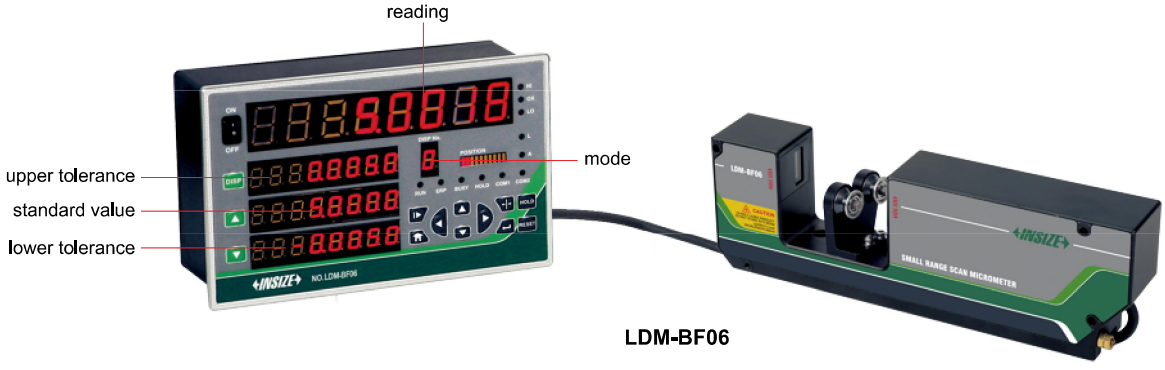
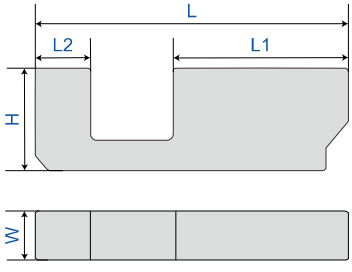
SMALL RANGE SCAN MICROMETERS



- 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-BF06	LDM-GC06
Measuring range	0.04~6mm	
Accuracy (at 25ºC)	± (0.3+10%D)μm, D is measuring diameter in mm	± (0.5+10%D)μm, D is measuring diameter in mm
Repeatability (at 25ºC)	(0.1+5%D)μm, D is measuring diameter in mm	
Resolution	0.01/0.1/1/10/100μm adjustable	
Measuring principle	red laser, class II, wavelength 650nm	CCD telecentric measurement system, green LED
Measuring speed	800 times/s	2400 times/s
Operation temperature	0~50°C	
Operation humidity	35~85% without condensation	
Output	RS485 (MODBUS RTU)	
Alarm output	24V, 1A	
Power supply	DC24V, 1A	
Dimension (L×W×H)	227×36×74mm	232×36×74mm
Net weight (with display)	1.86kg	2kg



Dimension (mm)

Code	LDM-BF06	LDM-GC06
L	227	232
L1	127	132
L2	40	
W	36	
H	74	

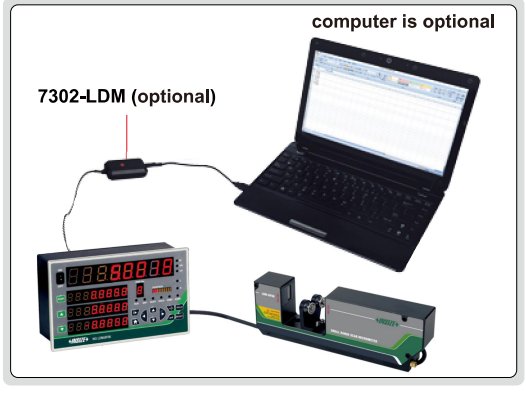
STANDARD DELIVERY

Main unit	1 pc
AC/DC adapter	1 pc
RS485 cable	1 pc

STANDARD DELIVERY

Data output cable (keyboard format)	7302-LDM
Calibration gauge	customizable
Control box	customizable
Computer software	customizable

calibration gauge (**optional**)

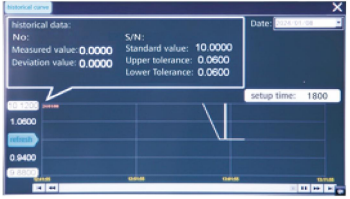


keyboard signal, can be transmitted to Excel

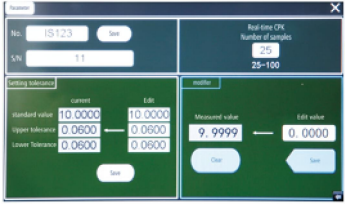
connected control box application

control box
(**optional**)

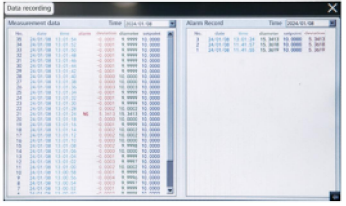
main interface



historical curve



parameter setting



data quiry