

Digital Dial Indicator With Integrated Bluetooth Low Energy Transmitter

BlueDial

Comparison Table

Product ID	BD10-783	BD10-793	BDLT-102	BDLT-103	BDLT-202	BDLT-203	BDLT-302	BDLT-402
Specifications								
Measurement Range	0.5" 12.7mm				1" 25mm		2" 50mm	4" 100mm
Resolution	0.0005" 0.01mm	0.0001" 0.001mm	0.0005" 0.01mm	0.00005" 0.001mm	0.0005" 0.01mm	0.00005" 0.001mm	0.0005" 0.01mm	
Accuracy	0.0008 in	0.00012 in	±0.001 in	±0.0002 in	±0.001 in	±0.0002 in	0.001 in	
Wireless Data Rate	10 samples/sec		8 samples/sec				10 samples/sec	
Transmission Range	20 m (indoors)/ 30 m (outdoors)							
Stem Size	3/8"		8 mm				3/8"	
Tip Thread	4-48UNF		M2.5				4-48UNF	
Battery	Rechargeable							
Battery life	60 hours		50 hours					
Mounting Options	Stem*							Stem/Back lug
Hardware								
Dial Indicator	Mitutoyo 543-793		Motionics Dial					
Bluetooth Transmitter	On back							Top-mounted
USB Charging Kit	✓	✓	✓	✓	✓	✓	✓	✓
Free Software								
iOS iPhone/iPad/Apples Watch	✓	✓	✓	✓	✓	✓	✓	✓
Android 4.3 and after	✓	✓	✓	✓	✓	✓	✓	✓
Windows PC**	✓	✓	✓	✓	✓	✓	✓	✓
LabVIEW** Customizable	✓	✓	—	—	—	—	—	—
Optional Accessories***								
BLE USB Dongle	✓	✓	✓	✓	✓	✓	✓	✓
Pelican Case 1010	✓	✓	✓	✓	—	—	—	—
Pelican Case 1040	✓	✓	✓	✓	✓	✓	—	—
Pelican Case 1120	✓	✓	✓	✓	✓	✓	—	—
Mitutoyo 7033B Base	✓	✓	✓	✓	✓	✓	✓	✓
NOGA DG61003 Base	✓	✓	✓	✓	✓	✓	✓	✓
Extension Rod 4-48UNF 1-6" one each	✓	✓	—	—	—	—	✓	✓

* Back lug mounting available upon request

** Requires BLE USB dongle

***Purchase separately; refer to Accessories page for additional information