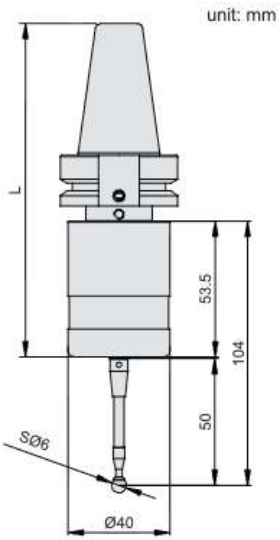
SERIES OP4000 INFRARED TRANSMISSION PROBE FOR CNC MACHINE TOOLS



OP4000-BT30-PB



- On-machine measurement of all kinds of small and medium-sized machining centers, CNC boring, milling machines and five-axis CNC machine tools
- Automatically set the workpiece coordinate and machining reference point before CNC machining process
- Automatically measure dimension and position coordinate during CNC machining
- Measure dimension, shape and position after CNC machining is completed
- Four kinds of SSR signals such as probe status, error, low voltage and pulse are transmitted to CNC machine tools
- Working status can be displayed on receiver LED indicator
- Signal transmitting range of probe can be set
- Infrared transmission, fast response, high reliability
- The battery (5% utilization rate per shift) can be used continuously for 90 days
- Supplied with measurement software package
- Can be used in combination with zero setter with infrared transmission
- Optional accessory: styli

Application



SPECIFICATION

Code	OP4000-BT30-PB	OP4000-BT40-PB	OP4000-BT50-PB
Probe length (L)	130mm	151.5mm	208.3mm
Probe diameter(ØD)	40mm	40mm	40mm
Applicable spindle *	BT30	BT40	BT50
Trigger accuracy of styli in any direction	1um		
Protection stroke triggered by styli in all directions	X and Y axis stroke: ± 12°, Z axis stroke: 5mm		
Trigger force of styli in all directions	X and Y axis: 0.5-1N, Z axis: 7.5N		
Dust/waterproof	IP68		
Power supply	2xLS14250 lithium battery		

* CAT, HSK, SK and ISO spindle probes also can be customized
* The probe should be brought with OSI-30 receiver