

TIME[®]2520 ^{NEW}

COATING THICKNESS GAUGE

Standard Delivery

●TIME2520 Main unit	1
●Smart phone	1
●Calibration foil	1
●Calibration Substrate	1
●TIME certificate	1
●Warranty card	1
●Instruction manual	1

Features

- The smart main unit is compact and easy to carry;
- With anti-drop lanyard;
- The front positioning terminal of the sensor has a V-groove, which can realize the measurement of small diameter parts, and can be freely disassembled to realize the measurement of small space (without installation) and large diameter parts (replacement of large volume positioning terminal);
- The smart sensor part is turned on by a single button, and the instrument status is indicated by different light displays;
- It has free calibration methods such as zero point calibration and multi-point calibration (up to 5 points);
- The resolution is 0.1 micron (or 0.001 mil);
- The measurement accuracy is $\pm (1\%H+1)$;
- Factory calibrated, ready to use after unpacking;
- Users can turn on the fast measurement mode of up to 70+ per minute, and the faster continuous measurement mode;
- It can be charged through the TYPE-C interface;
- The APP has an alarm function, and the upper and lower limits of the alarm can be set freely;
- The APP can display statistical values such as maximum, minimum, average, and variance;
- The APP large amounts of data storage.



Technical Specification

Probe types		F	N
Measuring methods		magnetic induction	eddy current
Measuring range		0~1500μm	0~700μm
Minimum resolution		0.1μm	0.1μm
Tolerance		$\pm (1\%H+1)\mu m$	$\pm (1\%H+1)\mu m$
Test conditions	Min. curvature radius	Convexity 1.5mm	Convexity 1.5mm
	Min. testing area diameter	Ø7mm	Ø7mm
	Critical thickness of substrate	0.5mm	0.3mm