

Features

- The instrument can be adapted to various types of dual-crystal probes, with probe identification and self-calibration functions
- With transmit-echo, interface-echo, echo-echo measurement modes
- Can realize through-coating measurement
- The instrument can dynamically compensate the measurement errors caused by probe changes and coupling differences to improve measurement accuracy
- With gain adjustment function
- With single-value B-scan display function
- Users can turn on the fast measurement mode up to 20 times per second
- Can store up to 50,000 measured values, with two-dimensional grid storage function
- Online upgrade function

Standard Delivery

•Main unit	1
•Transducer 5Pø10	1
•Couplant	1
•TIME certificate	1
•Warranty card	1
•Instruction manual	1

Optional Delivery

- Standard test block
- 7Pø6 probe
- TSTU32 probe
- ZW5P probe
- Ni-MH rechargeable battery
- Ni-MH battery charger

TIME®2180

ULTRASONIC THICKNESS GAUGE



Technical Specification

Measuring range	0.6-508mm (depend on probe)
Display resolution	0.001, 0.01, 0.1 mm optional Accuracy = $\pm(0.5\%H + 0.01)$ mm
Sound velocity range	508 m/s~18699 m/s
Display screen	Color TFT LCD display, 320x240 pixels
Storage	50 data files, each storing 1000 measurements
Power consumption	Working current <120mA (4.5V without back light)
Power supply	AA batteries 1.5V(3 pcs) or Ni-MH battery
Standard	Q/HD SDF0001-2014 JJF 1126-2004 GB/T 6587
Operating temperature	0~40 °C
Dimension (mm)	134× 76× 31.5
Weight (g)	178