



Surface Roughness Tester TIME®3226

The TIME®3226 is an intelligent stylus surface roughness measurement device used in combination with a smartphone app, suitable for production workshops, laboratories, metrology rooms and other environments. It measures the surface roughness of a wide range of machined parts, calculates the relevant parameters according to the selected measuring conditions, and clearly displays the measured values and profile graphics on the smartphone.

Features

- Intelligent system consisting of smartphone, TIME®3226 main unit and pickup TIMES201, connected via Bluetooth
- Real-time data transmission from the main unit to the smartphone app
- Dedicated measurement app with full parameter and profile display
- Remotely upgradeable software
- Adjustable over-limit / under-limit alarm
- Gauss and 2RC filtering
- Compatible with ISO1997, JIS2001 and ANSI standards
- Storage, cloud connection and report generation directly via the app (photos, videos and location data can be added)
- Voice output function and automatic shutdown
- App available in Chinese and English

Scope of Delivery

- TIME®3226 main unit
- Pickup TIMES201
- Ra standard
- Power adapter
- Instruction manual

Technical Data

Parameter	TIME®3226
Standard	ISO1997, JIS2001, ANSI
Measuring range	400 µm (±200 µm)
Assessed profile	R (Roughness), P (Primary profile)
Measuring system	Metric, imperial
Resolution	0.001 µm
Pickup measuring range	±20 µm, ±40 µm, ±80 µm
Cut-off length	0.08 / 0.25 / 0.8 / 2.5 mm
Evaluation length	1–5L (selectable)
Tracing length	3–7L (selectable)
Filtering	Gauss, 2RC
Max. tracing length	17.5 mm
Pickup	Standard pickup TIMES201, inductive, diamond stylus radius 5 µm, stylus angle 90°
Tolerance	≤±10 %
Repeatability	≤6 %
Power supply	Li-ion battery, rechargeable

Subject to technical changes.