## Features

- TIME®3226 surface roughness tester consists of Smartphone,TIME3226 main unit,pickup TIMES201, communicating via Bluetooth.
- TIME3226 main unit measures the surface roughness data and transmits it to the smartphone in real time.
- The smartphone is equipped with a special measurement APP to receive the measurement value and realize various functions.
- TIME3226 software can be upgraded remotely.
- Over-limit alarm: The upper and lower limits of the parameter value can be pre-set, and an alarm will be automatically triggered if the range is exceeded.
- Language:  Chinese and English
- GAUSS, 2RC filtering mode;
- Compatible with ISO1997, JIS2001, ANSI standards;
- Mobile APP interface, can display all parameters and graphics;
- Storage: mobile phone massive storage;
- Measurement results: measurement records can add multiple types of additional information such as pictures, videos, location, etc.;
- Data processing: can realize rich post-data processing, such as cloud storage, customized work orders, real-time data sharing, report generation, etc.;
- APP has voice broadcast function;
- Automatic shutdown

## Standard Delivery

- Industrial phone 1
- TIME3226 main unit 1
- Roughness pickup TIMES201 1
- Ra specimen 1
- Power adapter 1
- SIM card 1
- Instruction manual 1
- Warranty card 1
- TIME certificate 1

# TIME®3226 NEW

SURFACE ROUGHNESS TESTER

## Introduction

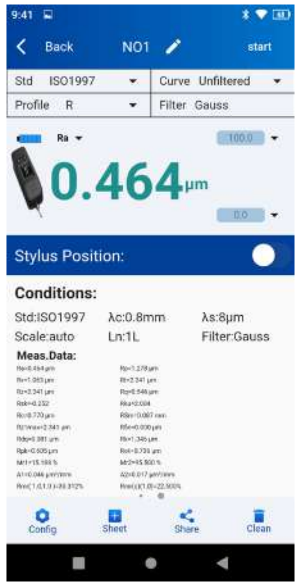
TIME®3226 surface roughness tester is an intelligent stylus surface roughness measurement device, which is used in combination with a smartphone APP and is suitable for production workshops, laboratories, metrology rooms and other environments.

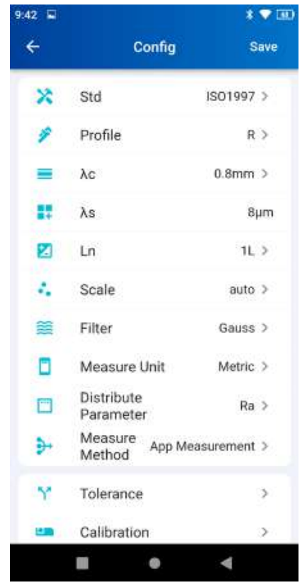
It can measure the surface roughness of various machined parts, calculate the corresponding parameters according to the selected measurement conditions, and clearly display the measurement parameters and contour graphics on the smartphone.

## Technical Specification

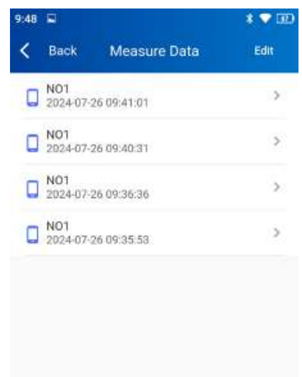
| | |
|---|---|
| Model | TIME®3226 |
| Standard | ISO1997, JIS2001, ANSI |
| Measuring rang | 400μm(±200μm) |
| Assessed profiles | Roughness profile (R)<br>Primary profile (P) |
| Measuring system | Metric, imperial |
| Display resolution | 0.001 μ m |
| Pickup measuring range | ±20μ m, ±40μ m, ±80μ m |
| Cutoff length (L) | 0.08mm / 0.25mm / 0.8mm / 2.5mm |
| Evaluation length | 1~5L  (selectable) |
| Tracing length | 3-7L(selectable) |
| Digital filter | Gauss, 2RC |
| Max. tracing length | 17.5mm/0.71inch |
| Pick-up | Standard pickup TIMES201, inductive, diamond stylus radius 5μm, angle of stylus 90° |
| Tolerance | ≤±10% |
| Repeatability | ≤6% |
| Power | Li-ion battery rechargeable |

# TIME APP for TIME®3226




## Relationship between parameters, standards and profile curves

| Standard | Profile Curves | Parameters |
|---|---|---|
| ISO1997 | R | Ra, Rq, Rz, Rp, Rv, Rsk, Rku, Rc, RPc *, RSm, R△q, Rmr*, Rmr(c) * ,Rδc*, Rt, Rz1max, Rk, Rpk, Rvk, Mr1, Mr2, A1, A2, |
| | P | Pa, Pq, Pz, Pp, Pv, Psk, Pku, Pc, PPc*, PSm, P△q, Pmr*, Pmr(c) *, Pδc*, Pt, Pz1max |
| JIS2001 | R | Ra, Rq, Rv,Rt,Rq,Rz,Rsk, Rku, Rc,RSm,Rmr(c),Rmr*,R△q ,Rδc,RzJIS,Rk,Rpk,Rvk,Mr1,Mr2,A1,A2 |
| | P | Pa, Pq, Pz, Pp, Pv, Psk, Pku, Pc, PSm, PzJIS, P△q, Pmr*, Pmr(c) *, Pδc* |
| ANSI | R | Ra, Rq, Rz, Rp, Rv, Rsk, Rku, RPc*, RSm, R△a, R△q, Htp*, tp*, Rt, Rmax, Rpm |