



Features

- Separated design, easy and convenient to use, especially for narrow spaces down to 1.5mm
- 55 kinds of measurement parameters conform to ISO/DIn /An SI/ J IS standards for your convenience
- Rectangular driver for 90 angle measurements, even without lead.
- High accuracy in the surface roughness, waviness and primary profile testing.
- LCD displays digital and graphic information
- Numerous optional sensors to approach even the most inaccessible places, with or without leads
- Transfer to PC via RS232 with advanced PC Software TIMESurf for more analyzing management, and data can be stored in Excel file.
- Printer can be connected to print the digital and graphic information
- Wide measurement range up to 800 um, with the Accuracy 5 % and Repeatability 3%
- Adjust angle and lifting height by your choice.
- Full length waving testing with the maximum tracing length up to 50 mm.

Optional Accessory

- PC software (TIMESurf for TIME®323X)
- RS232 communication cable

TIME® 3233

SURFACE FORM TESTER

Technical Specification

Assessed profile	R (Roughness), W (Waviness), P (Primary profile)
Measuring range	±400μm, ±25μm
Filtering	RC, PCRC, Gauss, D-P, ISO 13565
Parameters	R: Ra, Rp, Rv, Rt, Rz, Rq, Rsk, Rku, Rc, RS, RSm, Rlo, RHSC, Rpc, Rmr(c), Rzj IS, R3y, R3z W: Wa, Wp, Wv, Wt, Wz, Wq, Wsk, Wku, Wc, WS, WSm, Wlo, WHSC, Wpc, Wmr(c), Wzj IS P: Pa, Pp, Pv, Pt, Pz, Pq, Psk, Pku, Pc, PS, PSm, Plo, PHSC, Ppc, Pmr(c), Pzj IS Rk: Rk, Rpk, Rvk, Mr1, Mr2
Cut-off length	0.08mm, 0.25mm, 0.8mm, 2.5mm, 8mm, 10mm
Max. tracing length	50mm
Analysis graphs	ADC, BAC
Evaluation length	1L-5L
Resolution	0.001μm/50μm; 0.016μm/800μm
Tolerance	±5%
Display	LCD
Memory	10 groups of primary data
Data output	RS232, USB
Power supply	Li battery / AC adapter
Dimensions (mm)	409×96×98
Weight (g)	2300

