Features

- Using Linux operation system. High calculation accuracy, fast data processing speed and friendly user interface.
- Separated design for easy operation.
- Portable design, easy to carry.
- It can measure surface roughness, waviness and primary profile.
- It has a wide measuring range of 1000μm and maximum tracing length up to 50mm.
- 5.7 inch TFT LCD screen to clearly display the evaluation curves.
- With touch screen to quickly set the measuring conditions on the screen.
- Mouse operation is supported.
- Store 10,000 groups of measuring conditions and data.
- Measurement data can be stored in U disk.
- Measurement with or without skid.
- Print measurement parameters and profile curves.
- Equipped with optional advanced analysis software.
- Conforming to the roughness standards including ISO 4287-1997; j IS 0601: 2001; An SI; SEP1941-2012.

TIME®3234 NEW

SURFACE WAVIn ESS TESTER

Technical Specification

Profile	R, W, P, R-Motif, W-Motif
Measuring parameters	See the Table on Page 34
Filter	Gauss, 2RC
Cutoff l	0.08mm, 0.25mm, 0.8mm, 2.5mm, 5mm, 8mm, 10mm
Evaluation length ln	(1-5)l
Measuring range	1000μm (±500μm)
Max. resolution	0.0003μm
Tracing length	50mm
Tolerance	±5%(Skid), ±10%(Skidless)
Repeatability	1.5%(Skid), 3%(Skidless)
Storage	10000 groups of measuring conditions and data
Interface	RS232, USB
Power	Built-in Li rechargeable batteries/ External power adapter
Working temperature	0℃ ~40℃
Storage temperature	-25℃ ~60℃
Humidity	<90%
Dimensions(mm)	Main unit: 260×210×68
	Driver: 195.5×60×122
Weight(Kg)	Main unit: 1.5
	Driver: 1.58
Power adapter	Input: 100 V~240VAC, 50/60Hz Output: 9V, 3A

TIME®3234 SURFACE WAVINESS TESTER

Standard Delivery

•Main unit	1
•Driver	1
•Standard pickup	1
•Portable stand	1
•Mini USB cable	1
•Template	1
•Power Adapter	1
•User Manual	1
•TIME certificate	1
•Warranty card	1

Measuring Parameters

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, Vo
	P	Pa, Pq, Pz, Pp, Pv, Psk, Pku, Pc, PPc□, PSm, P△q, Pmr□, Pmr(c)□, Pδc□, Pt, Pz1max
	W	Wa, Wq, Wz, Wp, Wv, Wsk, Wku, Wc, WPc1, WSm, W△q, Wmr□, Wmr(c)□, Wδc□, Wt, Wz1max
j IS2001	R	Ra, Rq, Rz, Rp, Rv, Rsk, Rku, Rc, RSm, Rzj IS, R△q, Rmr□, Rmr(c)□, Rδc□, Rt
	P	Pa, Pq, Pz, Pp, Pv, Psk, Pku, Pc, PSm, Pzj IS, P△q, Pmr□, Pmr(c)□, Pδc□, Pt
	W	Wa, Wq, Wz, Wp, Wv, Wsk, Wku, Wc, WSm, Wzj IS, W△q, Wmr□, Wmr(c)□, Wδc□, Wt
An SI	R	Ra, Rq, Rz, Rp, Rv, Rsk, Rku, RPc□, RSm, R△a, R△q, Htp□, tp□, Rt, Rmax, Rpm
	W	Wa, Wq, Wz, Wp, Wv, Wsk, Wku, WPc□, WSm, W△a, W△q, Htp□, tp□, Wt, Wmax, Wpm