

TIME®3200/3202

SURFACE ROUGHNESS TESTER

Standard Delivery

•Main unit	1
•TS100 standard pickup	1
•Roughness test plate Ra	1
•Charger	1
•Protection nose	1
•Steel support	1
•Dataview	1
•Communication cable	1
•TIME certificate	1
•Warranty card	1
•Instruction manual	1

Optional Accessory

•TS110 pickup for curved surface
•TS120 pickup for small holes
•TS130 pickup for deep grooves
•TS140 right-angled pickup
•Measuring platform TA620
•Leveling table TA630/TA631
•Magnetic stand
•Steel adapter (Φ8)
•Steel adapter (L-attachment)
•Printer TA230

**Features**

- Applicable in production site, laboratory and workshop in factory.
- Easy operation menu and large LCD display with backlight.
- Li-ion rechargeable battery.
- Pickup position indicator.
- Conform to ISO standard, compatible with DIN, ANSI and JIS standard.
- Advanced software for TIME®3200 and TIME®3202 is available.
- Lots of delicate optional accessories are supplied making user's measurement more efficient and much easier.

Technical Specification

Model	TIME®3200	TIME®3202
Roughness parameters	Ra, Rz, Ry, Rq, Rt, Rp, Rmax, Rv, R3z, RS, RSm, RSk, Rmr,	Ra, Rz, Ry, Rq, Rt, Rp, Rmax, Rv, R3z, RS, RSm, RSk, Rmr, Rpc, Rk, Rpk, Rvk, Mr1, Mr2
Assessed profiles	Roughness profile (R)	
	Primary profile (P)	Primary profile (P)
Measuring system	Metric, imperial	
Display resolution	0.001 μ m	
Data output	RS232	
Pickup measuring range	±20μ m, ±40μ m, ±80μ m	
Cutoff length (L)	0.25mm / 0.8mm / 2.5mm/Auto	
Evaluation length	1~5L (selectable)	1~5L (selectable)
Tracing length	3-7L(selectable)	3-7L(selectable)
Digital filter	RC, PC-RC, Gauss, D-P	
Max. tracing length	17.5mm/0.71inch	
Min. tracing length	1.3mm/0.052inch	
Pick-up	Standard pickup TS100, inductive, diamond stylus radius 5μm, angle of stylus 90°	
Accuracy	≤±10%	
Repeatability	≤6%	
Power	Li-ion battery rechargeable	
Dimensions (mm)	140×52×48	
Weight (g)	440	440