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RUIYU K&M Roughness Tester DR230



Features:

- Electromechanical integration design, small volume, light weight, easy to use;
- Using DSP chip to control and data processing, high speed, low power consumption;
- 13 parameters: Ra, Rz, Rq, Rt, Rp, Rv, R3z, R3y, RzJIS, Rsk, Rku, Rsm, Rs;
- Display information rich, intuitive, can display all the parameters and graphics;
- Compatible with ISO, DIN, ANSI, JIS national standards;
- Built-in lithium ion rechargeable battery , Working time more than 20 hours
- Large capacity data memory, can store 100 groups of original data and waveform.
- Real-time clock settings and display, convenient data recording and storage
- With automatic dormancy, automatic shutdown and power saving function
- Can be connected to a computer and printer;
- Optional sensor surface, hole sensor, measuring platform, sensor, an extension rod and other accessories.

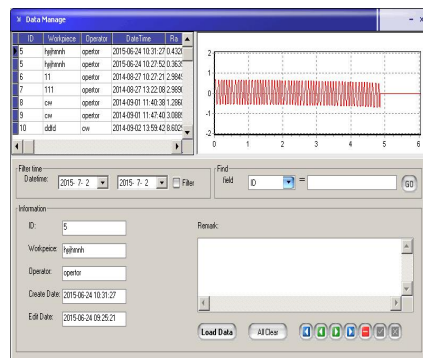
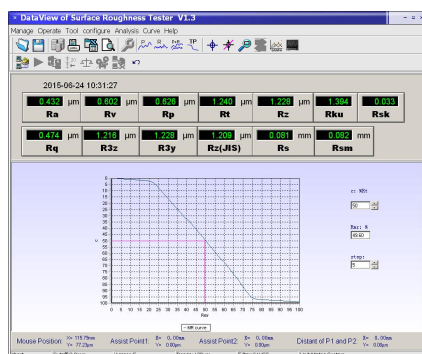
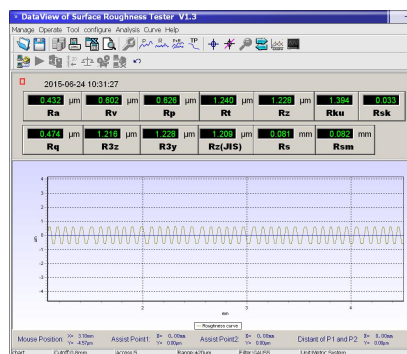


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Technical Specification:

Roughness Parameters	Ra, Rz, Rq, Rt, Rp, Rv, R3z, R3y, RzJIS, Rsk, Rku, Rsm, Rs
Standard	ISO,ANSI,DIN,JIS
Assessed Profiles	Roughness profile, Material ratio profile, direct Profile
Measuring Range	The X axis(Horizontal): 17.5mm; The Z axis(Vertical): 160 μ m
The Max./Min. driving trip	17.5mm / 0.75mm
Resolution (Horizontal)	0.01 μ m/ $\pm$ 20 μ m, 0.02 μ m/ $\pm$ 40 μ m, 0.04 μ m/ $\pm$ 80 μ m,
Filter	RC, PC-RC, Gauss, D-P
Sample length (lr)	0.25mm, 0.8mm, 2.5mm
Internal storage capacity	100 groups of original data
Evaluation length(ln)	Ln=lr x n n=1-5
Pick up	Inductive, Diamond stylus with Radius 5 μ m and angle 900
Tolerance	$\pm$ 10%
Repeatability	$\leq$ 6%
Output	USB
Power	Li-ion Battery rechargeable, work more than 20 hours
Dimensions	143 x 55 x 42mm
Weight	400g

Software



Opt. Accessories

Optical pickups.
Pick up for Special application
Measuring Platform
Magnetic stand
Mini-Printer

Standard Delivery

Main Unit
Specimen
Software
Screwdriver
Calibration Certificate
Suit Case

Standard Pickup
Charger
Steel Support
Instruction manual
Warranty card