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Surface Roughness Tester

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Surface Roughness Tester Leeb432

INQUIRY

PDF Format



Description

Surface Roughness Tester leeb4

Function & Feature:

- | Design of mechanical and electrical integration is adopted to achieve small bulk, light weight
- | Controlled by DSP chip, fast speed of testing with lower consumption and high precision.
- | Compatible of ISO/ DIN/ ANSI/ JIS standards.
- | Can measure 13 parameters.
- | 128× 64 DOT matrix LCD displays all parameters and graphs, DSP chip is used to control and process data with high speed and low power
- | Results are displayed digital/graphically on the LCD, and output to the printer.
- | Four filtering methods of RC, PC-RC, GAUSS and D-P,
- | Built-in lithium ion chargeable battery,with high capacity and unlimited memory efficiency;
- | Continuous working for more than 20 hours.
- | English menu operation
- | Electric quantity indicator, display the charging process.
- | Can store more than 100 groups of measuring data and wave forms.
- | Real-time clock setting;
- | Low power consumption: Auto sleep, automatic shutdown function of saving energy;
- | USB,can be connected with computer and printer.

Application Fields:

- | Mechanical processing manufacturing industry, especially metal processing manufacturing.Non-metallic processing and manufacturing.
- | Electricity, communications, electronics industry. Such as switches on the coupling, integrated circuits, semiconductor, etc.
- | It can measure kinds of machining surface, including: oil pump nozzle matching surface of cylinder head, crankshaft, camshaft, cylinder, etc.

Technical Specification:

leeb432

Your name*:

Your E-mail*:

Got a question?*

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Roughness parameter	Ra 、 Ry 、 Rq 、 Rz 、 Rt 、 RSm 、 RS 、 Rp 、 Rv 、 R3z 、 RSk 、 Rmax 、 Rmr
Resolution	0.001μm
Cut-off lengths	0.25mm / 0.8mm / 2.5mm
Evaluation length	1.25mm / 4mm / 5mm
Standard	ISO 、 DIN 、 ANSI 、 JIS
Accuracy	≤±6%
Repeat ability	<6%
Sensor	Piezocrystal
Power supply	3.7V Lithium-Ion battery
Operating temperature	0 °C -40 °C
Weight	440g
Dimensions	119×47×65mm
Standard configuration	Main Unit,Standard sensor,Model for multi-standard groove,Power adapter
Optional Accessories	Measurement Platform, printer ,PC analysis software