

پتروفهان گستر جنوب

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JITAI 8101

Surface Roughness Tester

Standard Configuration

Host	1	Software	1
Standard Sensor	1	Adjustable support	1
Calibration block	1	Operating manual	1
Bracket	1	Warranty card	1
Charger	1	Certificate of product	1
USB charging cable	1	Instrument case	1



Introduction

Portable Surface Roughness Tester is a high accuracy instrument for measuring surface roughness. It can be used on variety of machining parts and operates on various surfaces, not only flat but also outer cone, outer cylinder, curved, pinholes, grooves, recesses grooves and axle etc.

Features

- Electromechanical integration design, small volume, light weight, easy to use
- Using DSP chip to control and data processing, high speed, low power consumption
- 128 x 64 OLED dot matrix display, digital / graphic display; highlight no perspective
- Intuitive and rich display information, can display all the parameters and graphics
- Compatible with ISO, DIN, ANSI, JIS national standards
- Residual quantity icon, prompting the user to charge
- Continuous working time: more than 20 hours
- Real-time clock settings and display, convenient data recording and storage
- With automatic dormancy, automatic shutdown and power saving function
- Reliable control motor to go dead circuit and software design
- Measurement information display, menu prompt information, false information and switch machine and other tips that information
- Optional different sensor, measuring platform, mini printer, extension rod and other accessories

- Can be connected to a computer and printer
- Plastic shell

Technical Specification

Model	JITAI8101
Measuring range	Ra, Rz, Rq, Rt, Rp, Rv, R3z, R3y, RzJIS, Rsk, Rku, Rsm, Rmr, Rx
Measuring range (µm)	Ra: 0.005-16.000 Rz: 0.02-160.00
Sample length (mm)	0.25, 0.80, 2.50
Evaluation length(mm)	(1-5)L
Maximum drive stroke	17.5mm/0.7inch
Indication accuracy	0.001
Indication error	±(7-10)%
Variability	<6%
Data Storage	100 groups
Power	Rechargeable li-battery
Working temperature	-20 C~40 C
Relative humidity	<90%
Size	158mm x 63.5mm x 46mm
Weight of Host	0.3kg

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