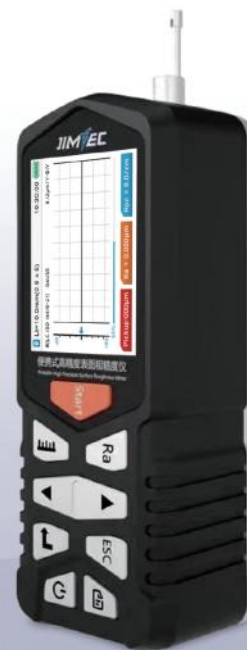


# SRT-I8102

## 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 allows surface roughness measurement both on metal and non-metal workpieces. It is suitable for machining and manufacturing, quality control, inspection departments, especially for measurement on large and heavy workpiece, assembly line, on site.

### 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.
- Bluetooth function; Can acquire, manage data by APP.

### Technical Specification

Model	SRT-I8102
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	141mm x 55mm x 40mm
Weight of Host	0.3kg