

MarMonix Digital Surface Roughness Tester with Software Model: MSRT-910S



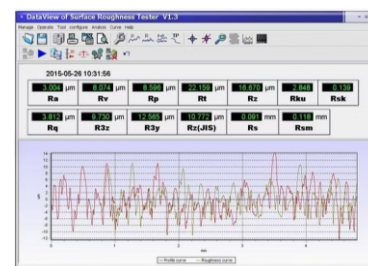
Functions & Features

- 1 Design of mechanical and electrical integration is adopted to achieve small bulk, light weight
- 1 Controlled by DSP chip, fast speed of testing with lower consumption and high precision.
- 1 Compatible of ISO/ DIN/ ANSI/ JIS standards.
- 1 Can measure 13 parameters.
- 1 128× 64 DOT matrix LCD displays all parameters and graphs, DSP chip is used to control and process data with high speed and low power
- 1 Results are displayed digital/graphically on the LCD, and output to the printer.
- 1 Four filtering methods of RC, PC-RC, GAUSS and D-P,
- 1 Built-in lithium ion chargeable battery, with high capacity and unlimited memory efficiency;
- 1 Continuous working for more than 20 hours.
- 1 English menu operation
- 1 Electric quantity indicator, display the charging process.
- 1 Can store more than 100 groups of measuring data and wave forms.
- 1 Real-time clock setting;
- 1 Low power consumption: Auto sleep, automatic shutdown function of saving energy;
- 1 USB, can be connected with computer and printer.

Application Fields:

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

MarMonix MSRT-9000 Series



Technical Specification

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

Model Selection

Standard configuration	Main Unit, Standard sensor, Model for multi-standard groove, Power adapter
Optional Accessories	Measurement Platform, printer, PC analysis software

