

# Portable Surface Roughness Tester

This surface roughness tester offers over a dozen measurement parameters applicable for roughness testing in various mechanical manufacturing processes. The device features a high accuracy inductive pickup and a large LCD display with backlight for easy operation.



## Overview

### Professional Portable Surface Roughness Testing

This portable roughness tester is designed for high-accuracy measurement across diverse mechanical manufacturing processes in both workshops and laboratories. It supports a comprehensive range of over a dozen roughness parameters and conforms to major international standards including ISO, DIN, ANSI, and JIS. The device features an intuitive interface with a backlit LCD display and provides flexible data management through RS232 connectivity and on-site printing capabilities.

## Technical Performance

### Accuracy & Repeatability

<b>10 %</b> Accuracy	<b>6 %</b> Repeatability
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### Dimensions and Weight

Metric	Value
Dimensions	140 x 52 x 48 mm
Weight	440 g

<b>Supported Parameters</b>	Ra, Rz, Ry, Rq, Rt, Rp, Rmax, Rv, R3z, RS, RSm, RSk, Rmr, Rpc, Rk, Rpk, Rvk, Mr1, Mr2
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## System Compatibility

### International Standards

ISO • DIN • ANSI • JIS

### Digital Filters

- RC
- PC-RC
- Gauss
- D-P