

## **RT-10**

### **PORTABLE ROUGHNESS TESTER**

It can measure in difficult positions, including when held in the hand, in the vertical traverse position. The gauge may be turned by 90° to permit measurements in grooves or between shoulders. The 400x250 mm measurement support in black granite with adjustable steel column can be used with RT-10 to measure pieces that are bulky or difficult to position.

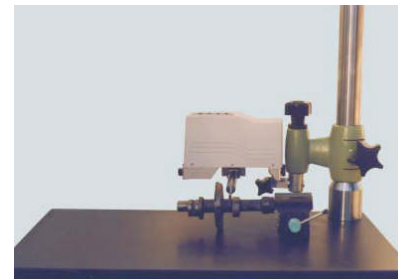
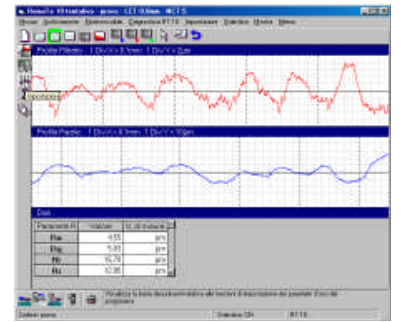


### **COMPLETE PRESENTATION OF RESULTS**

This instrument can be connected to the PR-10, a 24-column printer providing certification both of the parameters measured, together with indication of the tolerances, and of the profile drawing.



Using the serial output line, data can be downloaded to a Personal Computer running the RemoTe-10 program under Windows 98/ME/NT4/2K, with which measurements can be made, data processed, parameters displayed and drawings of the profile presented using various options. It has a buffer of 30 measurements which can be displayed and printed at any time. The most common functions, such as recalling results, or cut-offs and starting measurements, can be accessed directly using the keyboard, while others are available by activating suitable, easy to comprehend menus. Among other things, these menus permit the presetting of tolerance thresholds which, when linked to one of the measurable parameters, facilitate series checks.

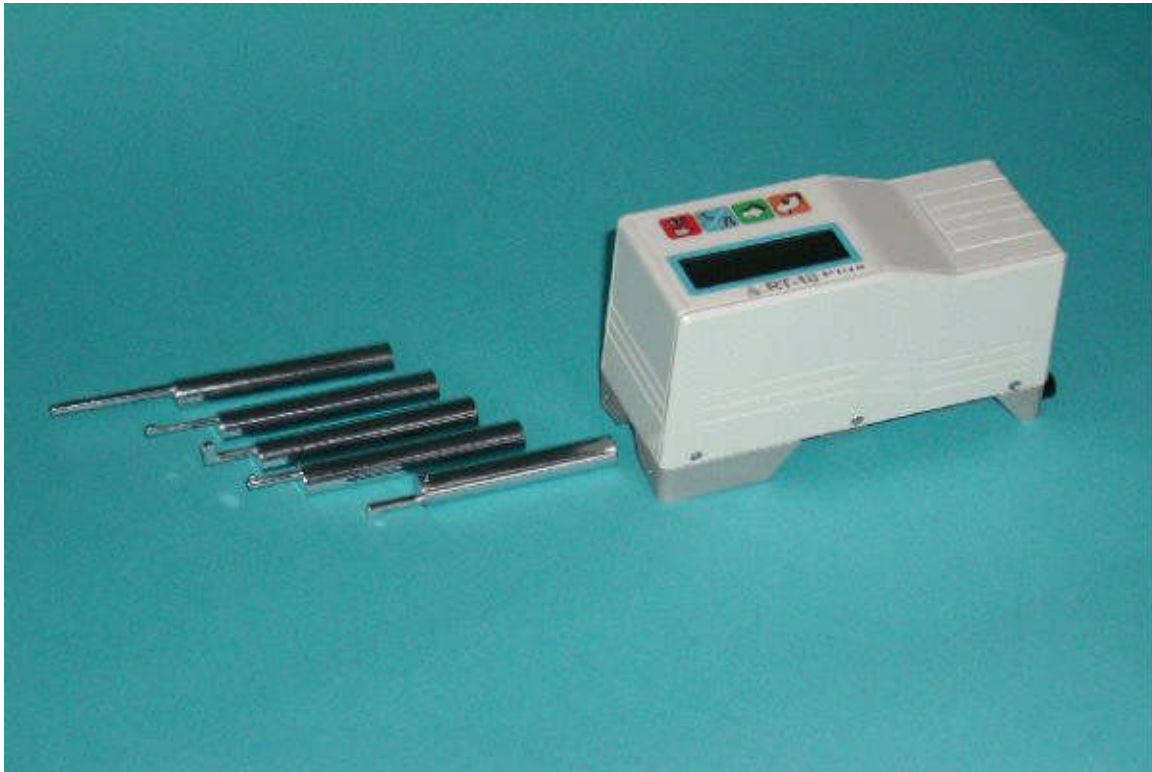


### **TECHNICAL FEATURES**

- Roughness parameters according to ISO 4287: Ra, Rq, Rt, Rz, Rc, RSm, Rmr.
- Roughness parameters according to ISO 12085: Pt, R, AR, Rx.
- Measuring length: up to 16 mm.
- Measurement range:  $\pm 20 \mu\text{m}$  and  $\pm 80 \mu\text{m}$ .
- Cut-off lengths: 0.25 – 0.8 – 2.5 mm.
- Gaussian filter according to ISO 11562.
- Display: 16-character, 2-line LCD.
- Touch keyboard of 4 keys.
- Rechargeable battery incorporated.



- Multilanguage: Italian, French, English, German and Spanish.
- Buffer of 30 measurements.
- Serial data output.
- Gauge rotatable through 90° for lateral measurements.
- Resolution 0.01  $\mu\text{m}$  and 0.04  $\mu\text{m}$ .



The “PLUS” tipe RT10’ instrument is interchangeable probes available; really the stylus can be insert with plug-in drive unit: that allows the quickly interchangeability with possibility to insert the standard stylus SB10 and the special probes fitted to difficult measure.



### STYLI AVAILABLES

**SB10:** for general surfaces, for bores with external diameters > 10 mm

**SB20:** for the bottom of a recess, or between shoulders and flanges up to 5 mm .

**SB30:** for small bores:Ø min: 4 mm , deep max 20 mm . For level surfaces.

**SB40:** “V” skid, for wires

**SB50:** with skid in front, for roughness on flat or concave.