

## Portable Surface Roughness Gauge

R-2000



### Optional Accessories :

R2000-05 Precision Support Stand

0 Stylus Extension

R2000-11 12 $\mu$ m Diamond Stylus

0 Stylus for Grooves

R2000-13 Stylus for Curved

## R-2000

Roughness parameter Ra, Rz, Rq (RMS), Rt

Assessed Profiles Primary profile(p), Roughness profile (R) tp curve (Mr)

Conformance ISO/ DIN/ JIS/ ANSI

Standards Metric  $\mu$ m, Imperial  $\mu$ inch

Measuring System  $\pm 20\mu$ m =0.001 $\mu$ m  $\pm 40\mu$ m=0.002

Display Resolution  $\mu$ m

$\pm 80\mu$ m=0.004 $\mu$ m

Display Range Ra,Rq:0.005 $\mu$ m up to 16 $\mu$ m

Rz,Rt:0.02 $\mu$ m up to 160 $\mu$ m

Pick Up Measuring Range  $\pm 80\mu$ m

Sensor Specifications 5 $\mu$ m Diamond Tip Stylus

Sensor Angle 90°

Contact Force 4mN(0.4gf)

Display Features Stylus position sensor

Battery level Indicator

Direct display of parameters

Travers Length Selectable 1,3,or 5

Cut-off lengths 0.25mm/0.8mm/2.5mm

Tracing length Lt 1.3mm-17.5mm

Digital Filter RC, PC-RC, GUASSIAN, D-P

Power Li-Ion battery

Working temperature 5-40 degrees C.

Dimensions 139mmx56mmx48mm

Weight 450g

### Features :

- \* 4 Different roughness parameters
- \* Inside/Outside Diameters
- \* Stylus Level Indicator

