

RT90G

Code: 1.104

Palmtop roughness tester



RT90G roughness tester is unique in its category because it features a built-in calculation unit and measurement procedure, thus being the first "All-in-one" roughness tester. Extremely compact and easy to handle, it conveniently allows positioning also on large size pieces, thanks to built-in micrometrics with 100 mm range. The shiny 3.7" colour touchscreen display combined to the icon interface, allows the operator to set the measurement parameters, moving on the piece and carrying out the analysis quickly. The results obtained and the relative tolerances are immediately displayed and can be downloaded on PC or printer using the external printer. The internal reference allows to perform analyses also on W waviness parameters, while the bistable pick-up holder allows measuring with one simple gesture, with or without skid, as required.

CHARACTERISTICS:

Measurement range:	±500µm
Resolution	0,001 µm
Cut-off length	0,25 - 0,8 - 2,5 mm
Cut-off number	Selectable from 1 to 19
Traverse length:	Up to 50 mm
Pick-up:	Inductive, it can be rotated of 90° for lateral measurements
Measurement parameters	48 parameters (Ra, Rq, Rt, Rz, Rp, Rc, Rv, Rsm, Rdc, R _{PC} , Rsk, Rku, Pa, Pq, Pt, Pp, Pc, Pv, Psm, R _{PC} , P _{PC} , Wa, Wq, Wt, Wz, Wp, Wv, Wc, W _{Sm} , W _{dc} , W _{PC} , Rk, Rpk, Pvk, Mr1, Mr2, Pt, R, Rx, AR, Wte, W, AW, Wx, Rke, Rpke, Rvke, Rmax, R3z, R3zm)
Graphs displayed:	Roughness, waviness, primary, total, bearing capacity curve, and distribution of ordinates.

Unit of measurement:	Millimeters and inches
Interface:	TFT, 3.7" colour graphic Touchscreen display and 3 waterproof membrane buttons
Languages:	Italian, French, English, German, Spanish and Portuguese
Memory:	Up to 1000 measurements
<u>Accessories:</u>	RT90G roughness tester with SB10/60 pick-up, 110-230V battery charger, roughness sample, Case, User manual.

ACCESSORIES:

