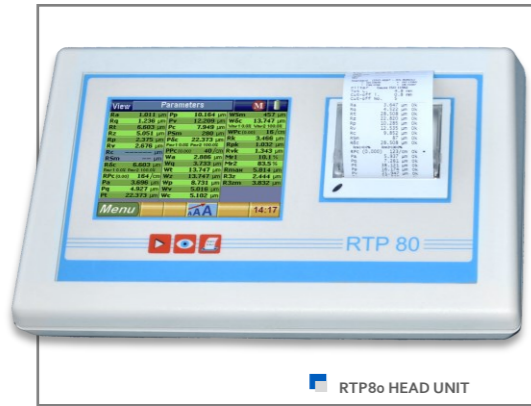


RTP80 ROUGHNESS TESTER

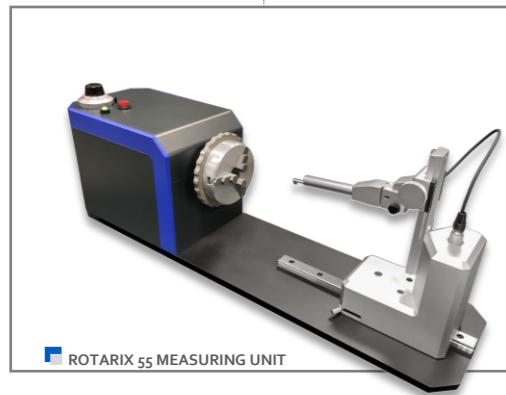
Roughness at 360°



USB connection



RTP80 HEAD UNIT



ROTARIX 55 MEASURING UNIT



ROTARIX 125 MEASURING UNIT

The RTP80 calculation unit can also be connected to the rotary measuring unit Rotarix 55 horizontal and Rotarix 125 vertical.

These units connected to the instrument and to the appropriate management software, allow you to perform a complete radial roughness measurement based on the diameter of the piece on tubes, spheres or cylindrical pieces at 360°.

HORIZONTAL ROTARY 55 UNIT

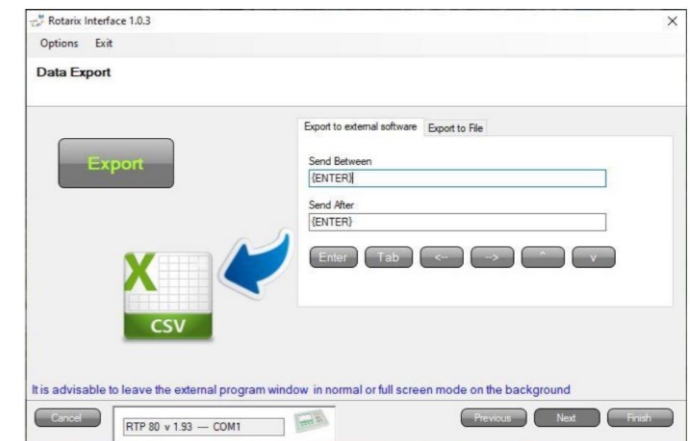
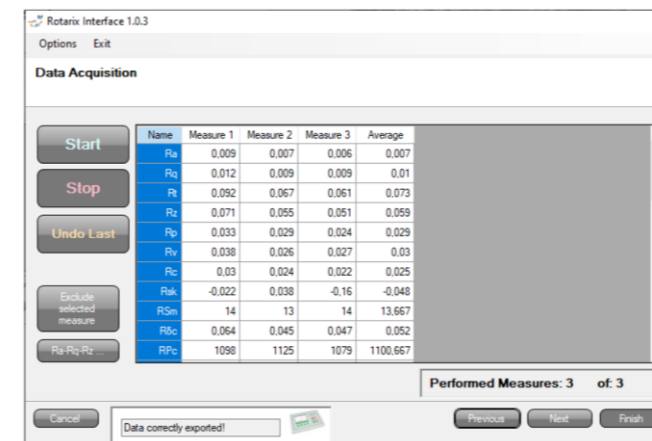
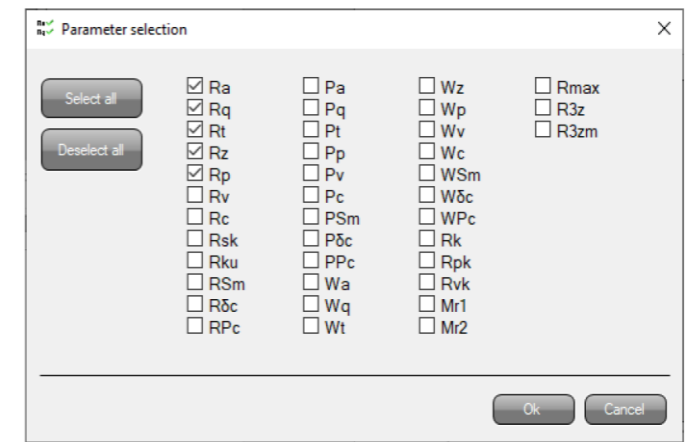
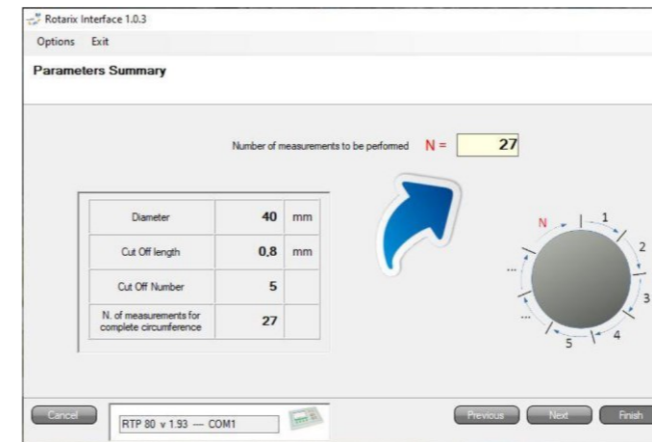
This rotary unit solves the problem of measuring radial roughness, such as on tubes and balls from a minimum diameter of 3 mm up to a maximum diameter of 60 mm, with gripping diameters from 1 mm up to 32 mm (external) and from 18 mm up to 80 mm (internal).

VERTICAL ROTARIX 125 UNIT

This rotary unit solves the problem of measuring radial roughness, such as on tubes and balls from a minimum diameter of 10 mm up to a maximum diameter of 160 mm, with gripping diameters from 3 mm up to 140 mm (external) and from 55 mm up to 160 mm (internal).

Technical data

Product code:	RTP80 + Rotarix55 (code: 1.103 + 1.202)	RTP80 + Rotarix125 (code: 1.103 + 1.203)
Measuring range:	±250µm	±250µm
Resolution:	0,001 µm	0,001 µm
Accuracy class:	1° ISO/DIN	1° ISO/DIN
Cut-off length:	0,25 - 0,8 - 2,5 - 8 mm	0,25 - 0,8 - 2,5 - 8 mm
Number of cut-offs:	Selectable from 1 to 5	Selectable from 1 to 5
Exploration ride:	Rotation speed \ workpiece diameter ratio	Rotation speed \ workpiece diameter ratio
Probe:	Inductive	Inductive
Printer:	Integrated thermal printer	Integrated thermal printer
Measurement parameters:	54 parameters (Ra, Rq, Rt, Rz, Rp, Rc, Rv, Rsk, Rku, Rsm, Rdc, RPC, Pa, Pq, Pt, Pp, Pc, Pv, Psm, Pdc, PPC, Wa, Wq, Wt, Wz, Wp, Wv, Wc, WSm, Wdc, WPC, Rk, Rpk, Pvk, Mr1, Mr2, Pt, Pdc, PPC, R, Rx, AR, Wte, W, AW, Wx, Rke, Rpk, Rvk, Mr1e, Mr2e Rmax, R3z, R3zm)	
Graphs displayed:	Roughness, undulation, primary, total, lift curve and ordinate distribution.	
Unit of measure:	Millimeters and inches	
Interface:	5,7-inch TFT touch screen color graphic display and 3 waterproof membrane buttons	
Languages:	Italian, French, English, German, Spanish and Portuguese	
Memory:	Up to 1000 measurements	
Standard equipment:	RTP80 roughness tester, translator (Rotarix55 or Rotarix125), 110-230V battery charger, roughness specimen, transport case, user manual	
TRANSLATORS:		
ROTARIX 55 Code: 1.202	Horizontal axis rotary unit for radial roughness measurements (eg tubes, spheres) on medium-sized parts, measuring diameter from Ø3 ÷ Ø60 mm.	
ROTARIX 125 Code: 1.203	Vertical axis rotary unit for radial roughness measurements on bulky parts, measuring diameter from Ø10 ÷ Ø160 mm (Optional up to 200mm).	



User friendly interface

Rotarix interface software

Integrated thermal printer

