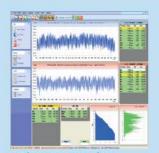
ACCESSORIES



Stand ST1 Code: 1400 Stand ST1 is made up of a 400 mm x 250 mm granite base and a positioning column. Maximum height reached compared to the granite is 150 mm. It is suitable for the shift TS7.



Stand ST2 Code: 1401 Stand ST2 is made up of a 630x400 mm granite base and a positioning column. It reaches a maximum height from the plane of 250 mm. It is suitable for the translator TS7 and TL90.



Software MS full Code: 1404 Measurement Studio Full software allows you to download measurements and profiles, arohive, statistio, and also pre-oonfigure the reports to print



Software Profile Studio Code 1407 The software Studio Profile transforms the RTP80 into a full-field profilometer with range in Z of 1mm, which enables you to characterize distances, angles, radius and also save, and print profiles.

PROBES



SB10 - Standard probe for plane surfaces SB10-60 - Probe with removable skid for or diameters internal/external large then roughness and waviness measures or



bore with diameter larger than 4 mm.



SB20 - For plane surfaces, grooves and shoulders with deep up to 5 mm.



more than 4mm and deep up to 20mm.



with external diameter more than 1 mm.



curve surfaces, ideal for measure at 90°.





SB70 - Probe without skid with sloping diamond. Suitable curve, incline surface or



SB110 - For concave and convex surfaces SB120 - or grooves and shoulders with with minimum radius of 5 mm.



depth up to 20 mm.



and waviness measure, suitable for throats with maximum depth 15 mm.



SB120S - Probe without skid for roughness SB130 - Probe without skid with pyramidal diamond for measure blades, wires and

TECHNICAL DATA

raging the second	1400 Caracters and Carters
Unit system	Millimetres and inches
Cut-off length	0,08 - 0,25 - 0,8 - 2,5 - 8 mm
Cut-off number	Selectable from 1 to 19
Evaluation length	Up to 50 mm
Measure range	1000 µm
Speed	0,5 o 1 mm/s
Resolution	0,001 µm
Numerical filter	Gaussian as described in ISO 11562
Interface	5,7" TFT colour touchscreen display and waterproof membrane keyboard with 3 keys
Languages	Italian, English, French, German, Spanish and Portuguese
Memory	Up to 1000 measurements
Probe	The inductive probe is able to rotate till 90° for lateral measures
Diamond stylus	Radius of 2 µm with cone angle of 90° (on request 2 µm with cone angle of 60°)
Form error	Able to measure radius with circle form subtraction

TABLE OF PARAMETERS

NORM						PARAMET	ERS				
ISO 4287 1997/JIS B0601	Ra Pa Wa	Rq Pq Wq	Rt Pt Wt	Rz Pp Wz	Rp Pc Wp	Rc Pv Wv	Rv PSm Wc	RSm Pδc WSm	Rδc PPc Wδc	RPc WPc	
ISO 13565/ JIS B0671	Rk	Rpk	Rvk	Мг1	Мг2						
ISO 12085/ JIS B0631	Pt	R	AR	Rx	Wte	W	AW	Wx	Rke	Rpke	Rvke
	Rmax	R3z	R3zm								



Rugosimetro RTP80

The best way to measure

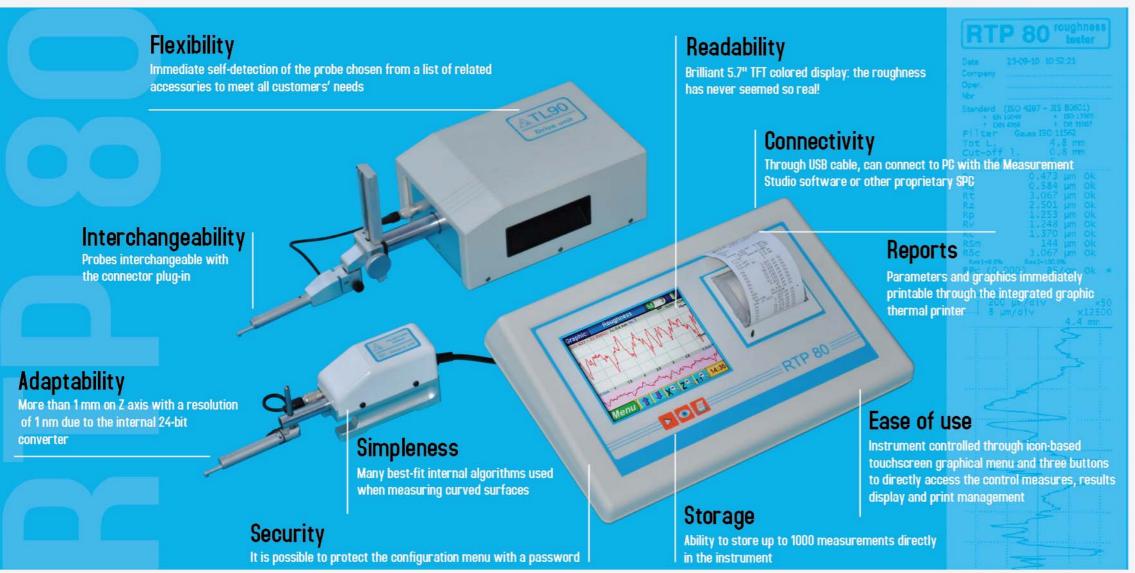


Centro ACCREDIA **LAT N° 041**

Can the control of a part be more difficult than its construction? We think not!

The roughness tester RTP80 is the result of this idea and, thanks to the new TFT display with touchscreen technology, the analysis of roughness becomes straightforward even to novice users. Measure the roughness? As easy as using your Smartphone!

Top 10 reasons to choose the roughness tester RTP80





The compact and handy TS7 can perform neasurements even in the most difficult conditions olding it with just one hand. The probe can be rotated 90 degrees and the height

is adjustable to measure curves surfaces. The maximum movement is 25 mm.



TL90 Code: 1.201
The translator TL90 adopts an innovative professional micrometer without a rack that lets you position the probe on the workpiece with high precision. The maximum vertical movement during positioning

The nose has the internal plug-in connector that allows a quick change of the probe and, thanks to the bistable system, with a touch you can perform measurements with the skid or without skid using, in this last case, the internal reference for the letermination of the W parameters. The probe can be mounted with an angle up to



The rotary unit ROTARIX solves the problem of radial roughness measurements, such as case of pipes, spheres and, more generally, of solid rotation. Version 55 ROTARIX with horizontal chuck of 55 mm is ideal for controlling the roughness of small pieces. Measure diameter: Ø3 ÷ Ø60 mm.

Ø1 ÷ Ø32 mm external



In particulars with larger diameters or masses that can not be cantilever mounted, the best solution is the use of ROTARIX 125, thanks to a 125 mm chuck with vertical shaft, which allows you to do measurements on voluminous pieces

The unit is equipped with a column for manual positioning with two degrees of freedom in order to position the probe in the exact point of beginning of

Measure diameter: Ø10 ÷ Ø160 mm. Ø3 ÷ Ø140 mm external

RTP80 Code: 1.103

The roughness tester RTP80 is characterized by great handling and ease of use.

The integrated thermal printer combined with a brilliant 5.7" TFT colored display with touchscreen technology allows the operator to interact with the roughness in a user friendly way and to view or print out parameters and graphs of roughness.

The instrument can measure the roughness directly on production environment and can quickly calculate 48 roughness parameters laid down by ISO 4287 / JIS B0601, ISO 12085 (M0TIF / CN0M0) / JIS B0621, DIN. If you were looking for a tool that combines the need of portability and the accuracy of a laboratory instrument, now your request has been realized: RTP80 is what you're looking for!



View	Par	ГS	M	0	1	
Ra	1.01	6 µm	Rôc	6	.358	μm
Rq	1.22	1 µm	Rmr1 0.0%	6 Rmr2 1		
Rt	6.35	8 µm	RPc(0.00		108	of helicity of
Rz	4.89	1 µm	Pa	3	.719	μm
Rp		3 µm	Pq	4	.951	μm
Rv		8 µm	Pt	22	.599	μm
Re		-	Pp	10	.179	μm
RSm	99	- µm	Pv	12	.420	μm
			Pc	11	.087	μm
Menu	1		-	1		1:33

