

## 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, archive, statisto, and also pre-configure the reports to print them.

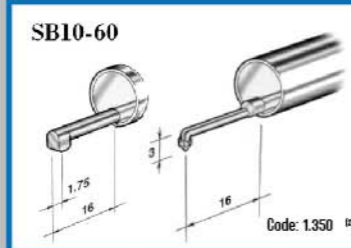


**Software Profile Studio** Code: 1407  
The software Studio Profile transforms the RTP80 into a full-field profilometer with range in Z of 1mm, which enables you to characterize distances, angles, radius and also save, and print profiles.

## PROBES



**SB10** - Standard probe for plane surfaces or diameters internal/external larger than 10 mm.



**SB10-60** - Probe with removable skid for 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.



**SB30** - For planes and holes with diameters more than 4mm and deep up to 20mm.



**SB40** - "V" skid, for wires, and cylinders with external diameter more than 1 mm.



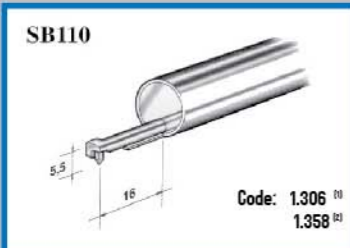
**SB50** - With anterior skid, for plane or curve surfaces, ideal for measure at 90°.



**SB60** - Probe without skid for little bores, minimum diameter 2 mm.



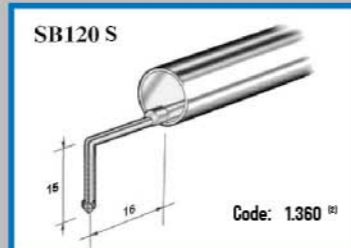
**SB70** - Probe without skid with sloping diamond. Suitable curve, incline surface or shoulder.



**SB110** - For concave and convex surfaces with minimum radius of 5 mm.



**SB120** - or grooves and shoulders with depth up to 20 mm.



**SB120S** - Probe without skid for roughness and waviness measure, suitable for throats with maximum depth 15 mm.



**SB130** - Probe without skid with pyramidal diamond for measure blades, wires and edge like cutting tools.

(1) Probes for TS7 - (2) Probes for TL90.

Standard probes: SB10 for TS7 - SB10-60 for TL90 - SB50 for Rotarix 55 or Rotarix 125

## TECHNICAL DATA

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	PARAMETERS										
ISO 4287 1997/JIS B0601	Ra	Rq	Rt	Rz	Rp	Rc	Rv	RSm	Rδc	RPc	
	Pa	Pq	Pt	Pp	Pc	Pv	PSm	Pδc	PPc		
	Wa	Wq	Wt	Wz	Wp	Wv	Wc	WSm	Wδc	WPc	
ISO 13565/ JIS B0671	Rk	Rpk	Rvk	Mr1	Mr2						
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



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Centro ACCREDIA  
LAT N° 041

