

Optical measurement

SYLVAC-SCAN

DESCRIPTION

52 REFLEX-CLICK

- Horizontal SCAN machine allowing to measure in the same position as the parts have been produced
- Robust construction with granite table for use in workshop or control laboratory
- Concept Reflex SCAN patented for measuring cylindrical workpieces without preprogramming
- Measurements performed in seconds by a single click
- Load the part, click the button and you get all the main values directly!
- Automatic recognition of recorded parts already measured
- Easy daily calibration thanks to the integrated master
- Quick return of investment



Sylvac Reflex SCAN Software

One click measurement



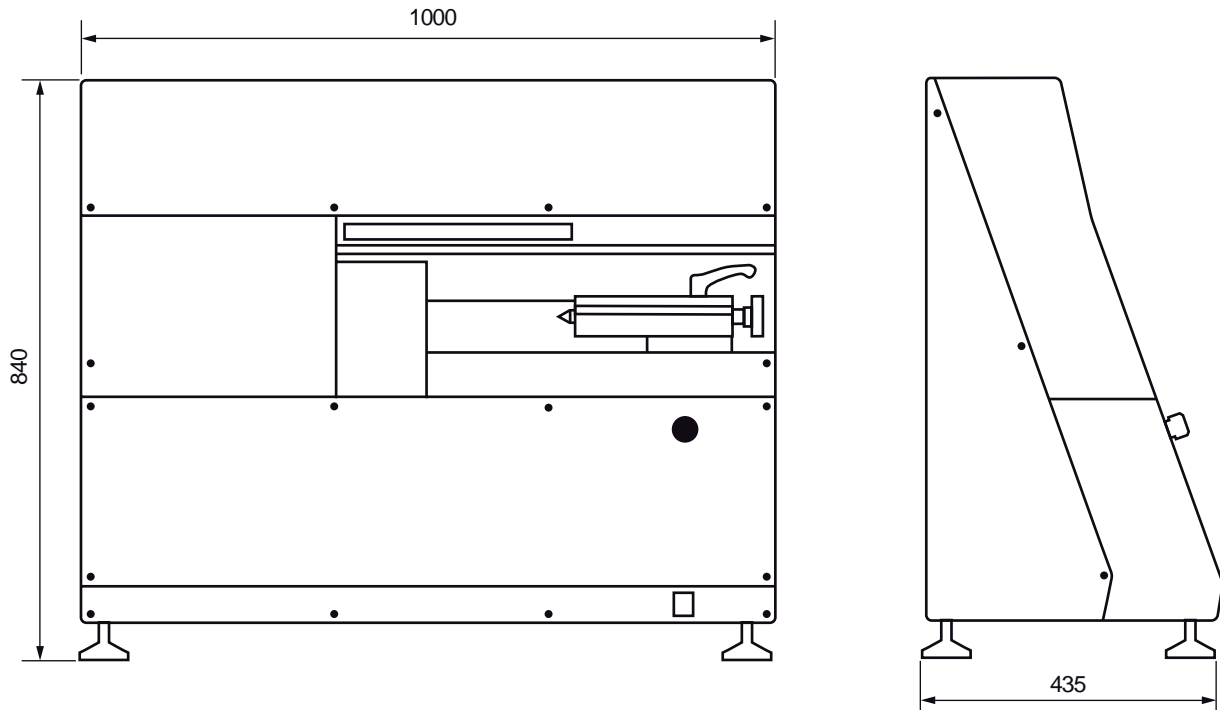
For turned parts

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DIMENSIONAL DRAWINGS

52 REFLEX-CLICK



TECHNICAL SPECIFICATIONS

		902.5520		902.5521	
		Diameter	Length	Diameter	Length
Measuring range	mm	0.5 ÷ 52	300	0.5 ÷ 52	300
Resolution up to	mm	0.0001	0.0005	0.0001	0.0005
Max. error	µm	1.5 + D/100	4 + L/100	1.5 + D/100	4 + L/100
Repeatability	µm	0.6	2.5	0.6	2.5
Headstock		Non-Rotating headstock for static measurements		Rotary headstock for static and dynamic measurements	
Max. weighth of part	kg	4			
Machine's weight	kg	103			

BASIC INSTRUMENT

- Instrument according to technical specifications
- 2 male centers
- Computer with screen, keyboard and mouse
- Windows 7 multilingual operating system
- Sylvac Reflex SCAN Software
- Manual

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TECHNICAL SPECIFICATIONS

SOFTWARES



	FUNCTIONS	
	SYLVAC REFLEX SCAN 52	SYLVAC SCAN 25/50/50CE+/50+
Automatic measurement of the main features (diameters, lengths, angles, radius)	•	
Automatic parts / program recognition	•	
Off-line programming		•
CAD import for programming		•
Reports editor	•	•
Data export	•	•
SPC basic calculations	•	•
SPC software	On request	On request
Access management - security level	1	4



	GEOMETRICAL TOLERANCING - FEATURES SUMMARY	
	SYLVAC REFLEX SCAN 52	SYLVAC SCAN 25/50/50CE+/50+
Diameters	•	•
Lengths, heights, distances	•	•
Angles, chamfers	•	•
Radii	•	•
Threads (parallel)	•	•
Threads (root detail, taper, multi-starts, ball screws, worm screws, special threads)		•
Perpendicularity		•
Form deviation		•
2 and 3D alignment of the parts (axis correction)	•	•
Rotational diameters	Advanced	•
Run out	•	•
Concentricity	•	•
Roundness	•	•
Cylindricity	•	•
Across flats	•	•
Straightness	Advanced	•
Interrupted parts (splines, turbines)		•