

Optical measurement

SYLVAC-SCAN

DESCRIPTION

F60L & F60LT

- Optical machine similar to the F60, but in a long version, allowing measurements up to 500mm long and 64mm in diameter.
- Available in 2 versions :
 - 902-4062: SCAN F60L, measuring range \varnothing 0.5 to 64 mm, max. length 500 mm
 - 902-4067: SCAN F60LT, measuring range \varnothing 0.5 to 64 mm, max. length 500 mm, with tilting system Exclusive Sylvac up to an angle of 30° allows you to view and measure a multitude of additional elements on the threads, as their detailed profile is not visible unless viewed at the helix angle.
- Machines that can be delivered in «Automation Ready» version on request

Version L !



Unique helix tilting system by Sylvac, for more comprehensive thread measurements.



Software Reflex SCAN +

One click measurement

Door for dust protection

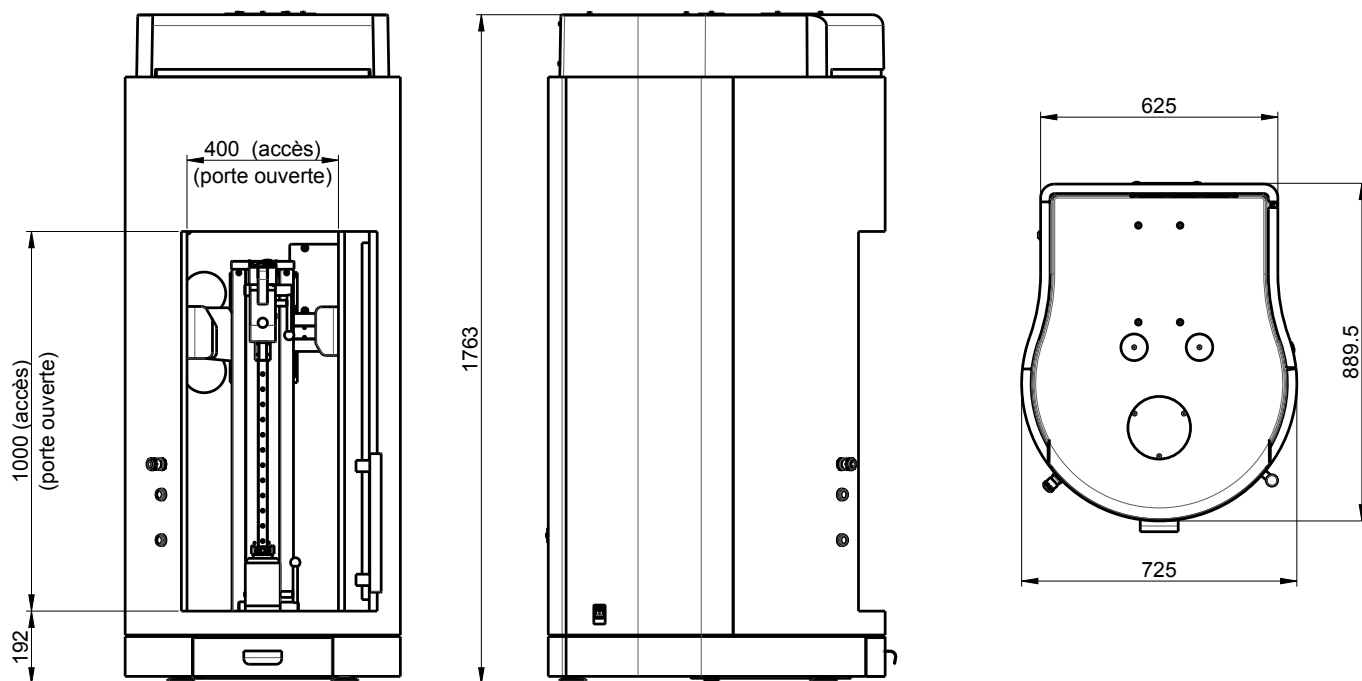


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DIMENSIONAL DRAWINGS

F60L & F60LT



TECHNICAL SPECIFICATIONS

		902-4062		902-4067	
		Sylvac SCAN F60L		Sylvac SCAN F60LT	
		Diameter	Length	Diameter	Length
Measuring range	mm	64	500	64	500
Resolution up to	mm	0.0001	0.0001	0.0001	0.0001
Max. error	µm	1 + (D[mm]/100) µm ¹⁾	3 + (L[mm]/200) µm ¹⁾	1 + (D[mm]/100) µm ¹⁾	3 + (L[mm]/200) µm ¹⁾
Repeatability 2σ	µm	0.5	1.8	0.5	1.8
Holding capacity diameter	mm	120	500	120	500
Headstock	Rotary headstock for dynamic measurements				
Tilting for thread measurement			• 30°		
Axial move speed	mm/s	Up to 100mm/s			
Max. weight of part	kg	10			
Machine's weight	kg	330			

¹⁾ 20° C ± 1° C

STANDARD DELIVERY

- Instrument according to technical specifications
- Accessories : 2x 902-6202, 902-6161, 902-6212
- Computer with screen, keyboard and mouse
- Windows multilingual operating system
- Sylvac Reflex SCAN Software +
- Manual