Optical measurement

SYLVAC-SCAN

DESCRIPTION

S25 & S25T

- Vertical optical measuring machine for static and dynamic measurement of various elements on small cylindrical parts.
- The parts can be mounted between two centres or held in place using various accessories. Attractive design and robust construction with many new features: New touch screen control panel for easy operation directly at the workplace, bi-telecentric optical system, high resolution camera, precision rotary headstock with integrated and protected daily standard, quick and easy accessory changing system, integrated temperature sensors, dynamic LED indicator of the general status of the measured part (GO/NG) and operator messages. Equipped with an exclusive optics tilting system.
- Machines specially designed to measure threads such as, parallel, trapezoidal, conical, round, square, conical, worms, ball screws, bone screws, dental implants, etc.
- Reflex SCAN+ concept for measuring parts without prior programming at the touch of a button
- Delivered complete with a PC and the Reflex SCAN+ software, which allows a multitude of elements to be measured easily and intuitively.
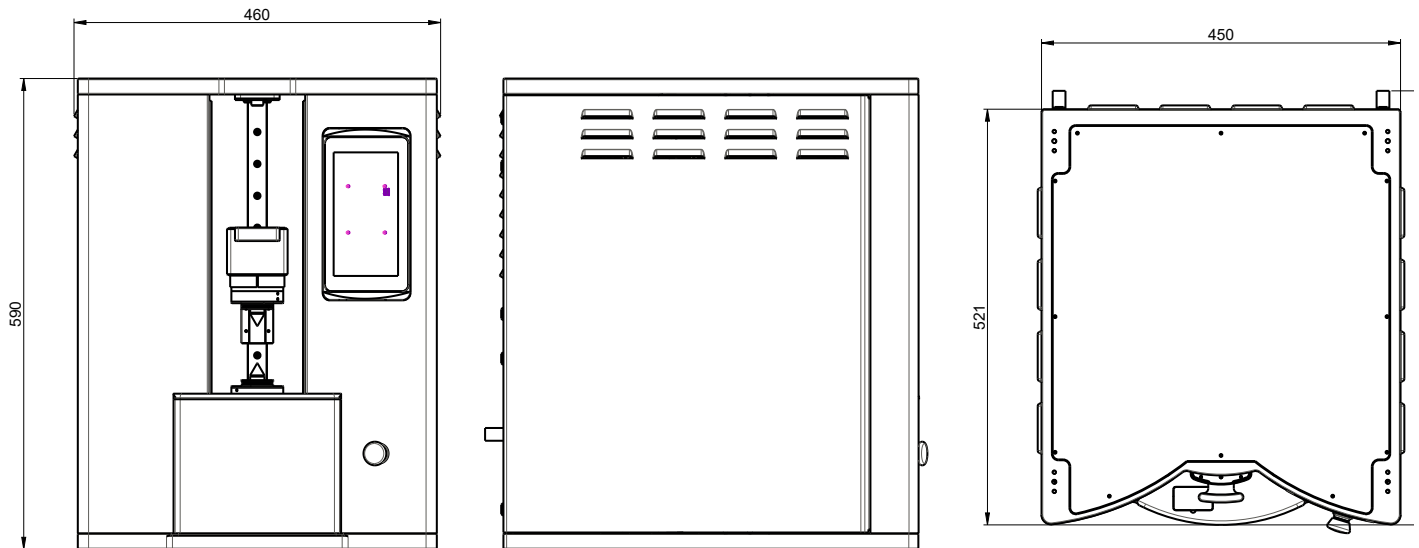- The machine is delivered fully equipped «Automation Ready» as standard.

LED status light indicator

One click measurement

Software Reflex SCAN +

Motorised tailstock

Integrated touch pad with Reflex SCAN+ App

Quick release tooling

Automation Ready

Emmergency button

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

SWISS MADE

Optical measurement

SYLVAC-SCAN

DIMENSIONAL DRAWINGS

S25 & S25T

TECHNICAL SPECIFICATIONS

		902-4020*		902-4025	
		Sylvac SCAN S25		Sylvac SCAN S25T	
		Diameter	Length	Diameter	Length
Measuring range	mm	26	200	26	200
Resolution up to	mm	0.0001	0.0001	0.0001	0.0001
Max. error	µm	0.9 +(D[mm]/100) µm [1]	2.5 +(L[mm]/200) µm [1]	0.9 +(D[mm]/100) µm [1]	2.5 +(L[mm]/200) µm [1]
Repeatability 2δ	µm	0.5	0.8	0.5	0.8
Holding capacity diameter	mm	51	200	51	200
Tilting for thread measurement		-		● 30°	
Headstock		High precision rotary			
Axial move speed	mm/s	Up to 100mm/s			
Max. weigth of part	kg	3			
Machine's weight	kg	73			

[1] 20° C $\pm$ 1° C

STANDARD DELIVERY

- Instrument according to technical specifications
- Computer with screen, keyboard and mouse
- Windows multilingual operating system
- Sylvac Reflex SCAN Software +
- Accessories : 2x 902-6259 ISO / MK2 adapter, 2x 902-6202, 902-6161 & 902-6212
- Manual

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