



- ✓ Cartesian Robot: 3 to 5 axis
- ✓ 3D Surface & Thickness measurement
- ✓ X Y Z Repeatability: From +/- 0.015 mm
- ✓ Contactless STIL ChromaPoint/Line Sensors
- ✓ From 300 x 300 x 100 mm to 2000 x 2000 x 500 mm
- ✓ High Scanning Speed : 40 mm/sec



STIL PORTICO 3D System measures 3D Surfaces & Dimensions on any surface reflectivity:

Transparent, opaque, diffusing or high reflective material.

STIL PORTICO 3D Original design is associated with the most convenient Chromatic Confocal STIL ChromaPoint & ChromaLine set-up

The STIL Contactless sensors are destined to various applications and fields: Wind Turbine ; Blades ; Mirror ; Windshields...

A version is dedicated to stand-alone system and a version is customized to measure in process, according to local environment & industrial constraints.

Accuracy/resolution of STIL PORTICO GLASS system is from +/- 0.015 mm for high dimensions trajectories.

Programmable cycle time from few seconds in order to fulfill Industrial process constraints in line, near the line & in Lab use.



DESIGNED FOR

Automotive



Aerospace



Energy



Mechanics



PERFECT FOR

Shape



Thickness



Dimension












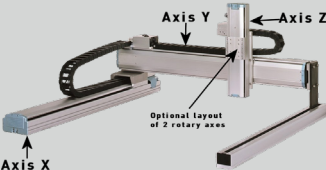
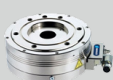
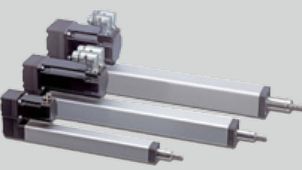
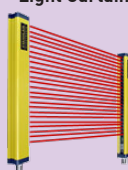

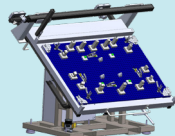
Multilayer



SPECIFICATIONS *

	PORTICO 3D
Order code	TBA
Measurable parts overall dimensions (mm)	From 300 x 300 x 100 to 2000 x 2000 x 500
Cercle time	Depends on the dimensions of the part and number/positions of the measuring points. Average scanning speed is 40 mm/s
Measurements accuracy 3D	$\leq \pm 0,05$ mm

COMPONENTS AND OPTIONS

HMI	CARTESIAN ROBOT RACK	STANDARD CONFIGURATION	CARTESIAN ROBOT
<p>Standard TOUCH SCREEN</p>  <p>Option Remote Screen Desk</p>  <p>Option PAD</p> 	 <p>Option SAFETY HUB for light Curtain/Laser Curtain</p>  <p>Option SERVO VARIATOR (Axe X et Ø)</p> 	 <p>STIL Chromatic Confocal Sensors</p>  <p>Option CAMERA for visualization</p> 	 <p>Option Axe Ø (1 or 2)</p>  <p>Variable Axes Length X, Y, et Z</p> 
<p>Option SAFETY HUB for Light Curtain & Laser Curtain</p> <p>Light Curtain</p>  <p>Laser Curtain</p> 		<p>STATION Options</p>  <p>Motorized or Manual tilt</p> <p>Various Dimensions: 300 x 300 x 100 to 2000 x 2000 x 500mm</p>	