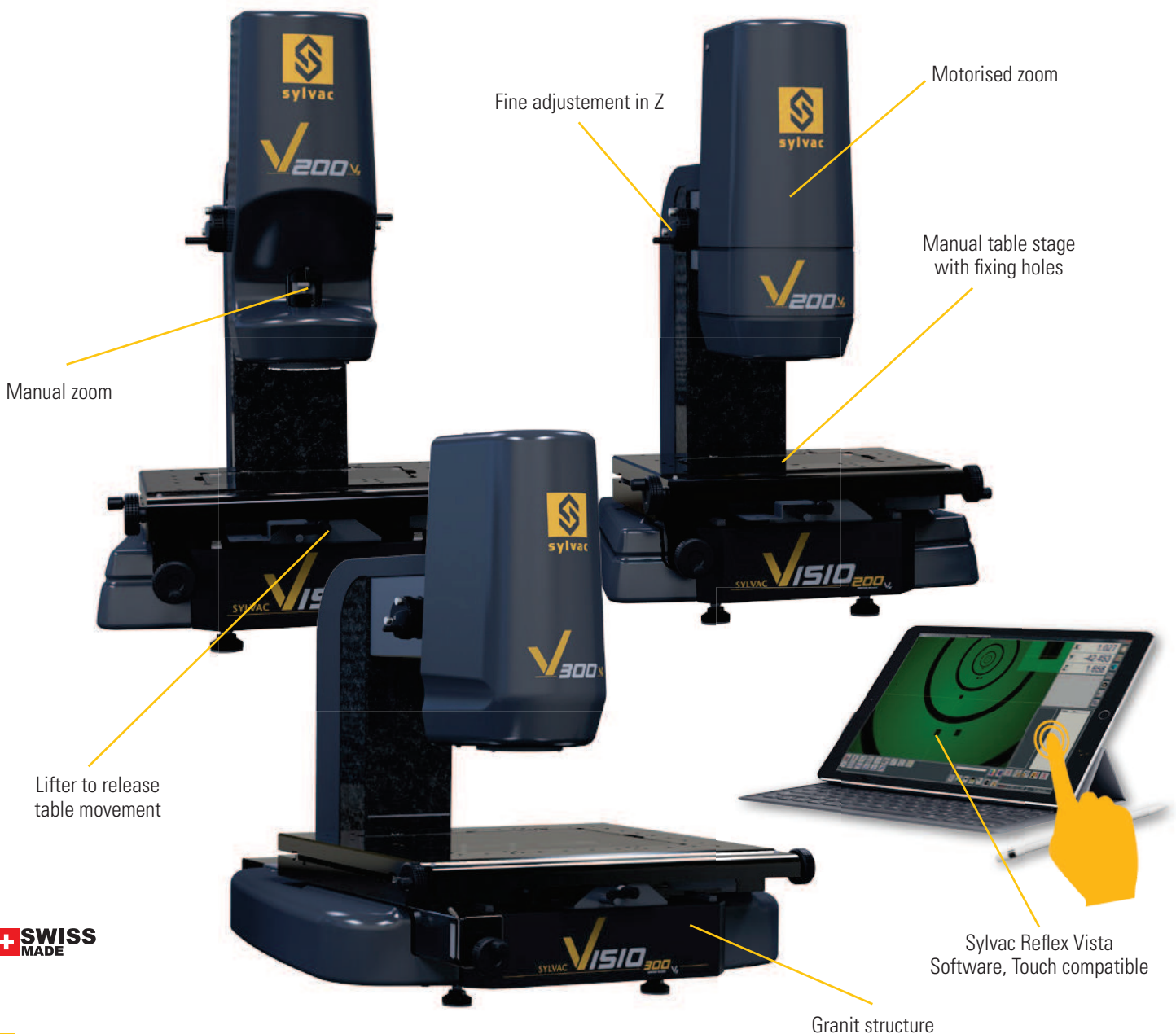# Optical measurement

SYLVAC-VISIO

DESCRIPTION

200 & 300 V3

- High quality 2.5D video measuring system with larger field of view up to 30x19mm (standard config 15x9.5mm)
- New software layout with auto toggle screens live/schematic and touch compatible
- Full HD Camera with improved image quality
- Robust construction with stage mounted on granite base and vertical column in granite
- Manual table stage releasable for quick XY movement, fitted with high precision encoders
- High quality bearing guidance for better accuracy
- Optics including CMOS camera and Navitar zoom (manual or motorised)
- Programmable triple lighting: coaxial, ring light programmable by sector and diascopic light
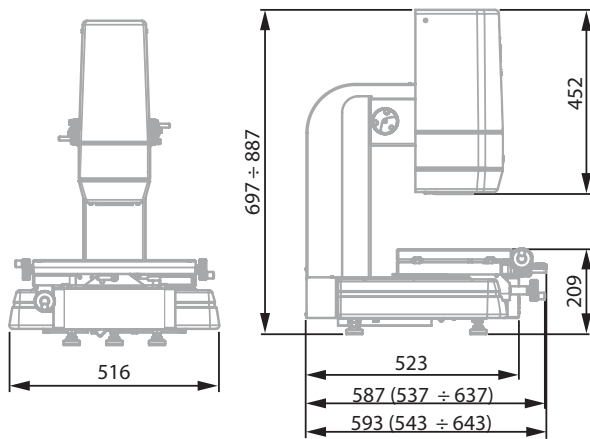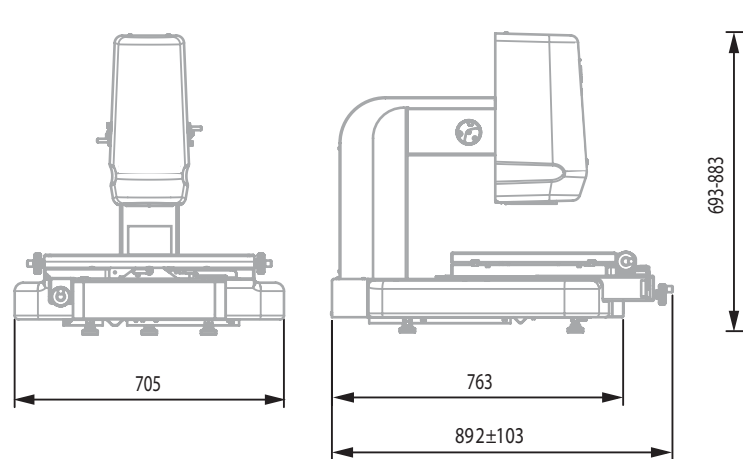- Multilingual Sylvac VISTA software easy to use

Fine adjustement in Z

Motorised zoom

Manual table stage with fixing holes

Manual zoom

Lifter to release table movement

Sylvac Reflex Vista Software, Touch compatible

Granit structure

SWISS MADE

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Optical measurement

DIMENSIONAL DRAWINGS

Sylvac VISIO 200 V3

Sylvac VISIO 300 V3

TECHNICAL SPECIFICATIONS

		902.2210	902.2211	902.2310
Model		Sylvac Visio 200		Sylvac Visio 300
Measuring volume	mm	200x100x150		300x200x150
X, Y Accuracy (E_1, X, Y)	µm	$1.9 + 10L/1000$ (L = mm) [1]/[3]		$1.9 + 4L/1000$ (L = mm) [1]/[3]
XY Accuracy (E_2, XY)	µm	$2.4 + 10L/1000$ (L = mm) [1]/[3]		$2.4 + 4L/1000$ (L = mm) [1]/[3]
Z Accuracy (E_1, Z) [2]	µm	$3.9 + 10L/1000$ (L = mm)		$3.9 + 5L/1000$ (L = mm)
Resolution	mm	0.001		0.001
Max. load capacity	kg	10		16
Magnification		12x - 288x (Standard configuration 24x - 144x)		
Zoom		Manuel 6.5x	Motorised 6.5x	Motorised 6.5x
Weight		98		170
International standards		EN61000-6-2, EN61000-6-4, EN61326-1, EN12100-1, EN12100-2		

[1] m ≤ 5 kg   [2] mechanical accuracy   [3] at glass plate level

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BASIC INSTRUMENT

- Instrument according to technical specifications
- Software Sylvac Vista multilingual
- Computer with touchscreen 23'', keyboard and mouse
- CAD compare software

- Windows 7 multilingual operating system
- Manual
- Calibration certificate

			VISIO 200	VISIO 300
	902.7370	Diascopic illumination, parallel light	●	●
	902.7100	Additional lens, 0,5x for zoom 6,5x	●	●
	902.7101	Additional lens, 0,75x for zoom 6,5x	●	●
	902.7102	Additional lens, 1.5x for zoom 6,5x	●	●
	902.7103	Additional lens, 2x for zoom 6,5x	●	●
	902.7380	Foot switch for value capture	●	●
	902.7390	Sylvac - Reflex Vista COMPARE	Standard delivery	Standard delivery

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			VISIO 200	VISIO 300
	902.7300	Basic fixtures Kit : • 1x Quick-Load Corner Fixture (QLC) • 1x 13mm x 150mm x 150mm R&R Acrylic Multi-Hole Fixture Plate • 1x (3) Dowel Pins • 3x 6mm Dia. x 10 and x 25mm Standoff • 3x 9mm Dia. x 5, x 10, x 20 and x 25mm Standoff • 3x 12mm Dia. x 10 and x 25mm Standoff • 2x 6mm Dia. x 10mm Pin Standoff • 2x 9mm Dia. x 10mm Pin Standoff • 2x 40mm Tension Clamp with Rubber Coated Tip • 2x 25mm Wire Clamp with Rubber Coated Tip • 2x 50mm Wire Clamp with Rubber Coated Tip • 4x Aluminium Resting Pin with M4 Thread • 1x 50mm x 50mm Corner Viewer for M4 • 1x 9mm Dia. Adjustable Jackstand with M4 Thread • 1x M4 Pusher Clamp • 1x 30mm and 1x 45mm Long Adjustable Slide with M4 Thread • 1x M4 Tower Block • 1x Micro-Clamp Vise with Base for M4 Components • 1x 12mm Dia. x10mm Spring Pusher Standoff Clamp • 1x 300mm x 190mm x 25mm Component Tray to Hold M4 Components	●	●
	902.7301	Advanced fixtures Kit : All Basic fixtures (acrylic plate 13x200x200mm) kit added with : • 3x 6mm Dia. x 5, x 10 and x 25mm Standoff • 3x 9mm Dia. x 10, x 20, x 25mm Standoff • 3x 12mm Dia. x 10, x25mm Standoff • 2x 6mm Dia. x 10mm Pin Standoff • 2x 9mm Dia. x 10mm Pin Standoff • 4x 12mm Dia. x 10mm Pin Standoff • 2x 40mm Tension Clamp with Rubber Coated Tip • 2x 25mm Wire Clamp with Rubber Coated Tip • 2x 50mm Wire Clamp with Rubber Coated Tip with 50mm Post • 1x 9mm Dia. Adjustable Jackstand with M4 Thread • 1x 30mm and 1x 45mm Long Adjustable Slide with M4 Thread • 1x Base 16mm Sq x 19mm (for M4 Tower Block)	●	●
	902.7104	Fresnel kit 0.5x Fresnel lens + lens 0.5x + fixation screws (for Ringlight)	●	
	902.7105	Fresnel kit 0.75x Fresnel lens + lens 0.75x + fixation screws (for Ringlight)	●	
	902.7106	Fresnel kit 1.5x Fresnel lens + lens 1.5x + fixation screws (for Ringlight)	●	

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