

2021 OptiScan models/specifications

	FOV (1) X Axis, mm	FOV (2) Y Axis, mm	FOV (3) Z Axis, mm	Accuracy (micron) Repeatability	Volumetric	Camera with ring light	Projector LED/laser	Scanner Configuration	Scanner Mounting	Back lighting Light table	Enclosure	Component Repositioning (4)	Scanner Repositioning (5)	Markers (6) Set of 24
OS350.10	350	215	215	10	15	>20MP	>2MP	Common enclosure	Tripod	No	No	No	No	Std Option
OS350.10LEAA	350	215	215	10	15	>20MP	>2MP	Common enclosure	Light table	Yes	Yes	Motorised	Motorised	
OS800.35	800	500	500	35	70	>20MP	>2MP	Carbon fibre chassis	Tripod	No	No	No	No	Std Option
OS800.35LM	800	500	500	35	70	>20MP	>2MP	Carbon fibre chassis	Light table	Yes	No	Manual	Fixed	
OS1000.35	1000	625	625	35	75	>20MP	>1MP	Carbon fibre chassis	Tripod	No	No	No	No	Std Option
OS1000.35LM	1000	625	625	35	75	>20MP	>1MP	Carbon fibre chassis	Light table	Yes	No	Manual	Fixed	
OS1000.35LA	1000	625	625	35	75	>20MP	>1MP	Carbon fibre chassis	Light table	Yes	No	Motorised	Fixed	Option

All OptiScan models include the following items as standard:

Quad core PC with 4GB memory, 21" HD screen, keyboard, special graphics card

Ball type scanner calibration artefact

Plate type scanner calibration artefact

Export packing

(1) Maximum field of view measured across the x axis

(2) Maximum field of view measured across the y axis

(3) Maximum field of view measured across the z axis

(4) Rotating component repositioning disc is bearing mounted and has embedded markers

(5) Scanner repositioning device changes the angle between the scanner and the component to allow better measurement coverage

(6) The markers are re-usable and multi functional (magnetic, self adhesive and velcro type fastenings)

List of Abbreviations

L = Light Table

E = Enclosure

A = Automatic repositioning disc

M = Manual repositioning disc

AA = Automatic repositioning disc & Automatic tilt mechanism



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