

2024 OptiScan models/specifications

	FOV (1)	FOV (2)	FOV (3)	Accuracy (micron)		Camera	Projector	Scanner	Scanner	Back lighting	Enclosure	Component	Scanner	Markers (6)
	X Axis, mm	Y Axis, mm	Z Axis, mm	Repeatability	Volumetric	with ring light	LED/laser	Configuration	Mounting	Light table		Repositioning (4)	Repositioning (5)	Set of 24
OS350.10	350	215	215	10	15	>20MP	>2MP	Common enclosure	Tripod	No	No	No	No	Std
OS350.10LEAA	350	215	215	10	15	>20MP	>2MP	Common enclosure	Light table	Yes	Yes	Motorised	Motorised	Option
OS800.35	800	500	500	35	70	>20MP	>2MP	Carbon fibre chassis	Tripod	No	No	No	No	Std
OS800.35LM	800	500	500	35	70	>20MP	>2MP	Carbon fibre chassis	Light table	Yes	No	Manual	Fixed	Option
OS1000.35	1000	625	625	35	75	>20MP	>2MP	Carbon fibre chassis	Tripod	No	No	No	No	Std
OS1000.35LM	1000	625	625	35	75	>20MP	>2MP	Carbon fibre chassis	Light table	Yes	No	Manual	Fixed	Option
OS1000.35LA	1000	625	625	35	75	>20MP	>2MP	Carbon fibre chassis	Light table	Yes	No	Motorised	Fixed	Option
OS2000.35A	2000	1125	1125	35	75	>65MP	>8MP	Carbon fibre chassis	Sheet Metal	No	No	No	No	Option

All OptiScan models include the following items as standard:
 8 core PC with 24GB 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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