



COMET 5

Technical Data

COMET 5 1.4 M

Camera Resolution	1360 x 1024
Measuring Volume in mm ³	
50	65 x 50 x 50
100	100 x 75 x 60
200	210 x 160 x 140
400	480 x 360 x 250
800	900 x 660 x 500
3D Point Distance in µm	
50 / 100 / 200 / 400 / 800	40 / 75 / 150 / 350 / 650
Shortest Measuring Time in Seconds	0.6
PC	1 x Intel Xeon Quadcore, 12 GB upgrade up to 24 GB
Sensor Positioning	tripod or sensor stand with manual turn and tilt axis, robot
Automatic Object Positioning	rotation table, robot

COMET 5 2 M

Camera Resolution	1600 x 1200
Measuring Volume in mm ³	
50	-
100	85 x 65 x 60
200	180 x 135 x 140
400	400 x 300 x 250
800	800 x 600 x 500
3D Point Distance in µm	
50 / 100 / 200 / 400 / 800	- / 55 / 115 / 240 / 500
Shortest Measuring Time in Seconds	0.6
PC	1 x Intel Xeon Quadcore, 12 GB upgrade up to 24 GB
Sensor Positioning	tripod or sensor stand with manual turn and tilt axis, robot
Automatic Object Positioning	rotation table, robot



BMT

COMET 5

Technical Data

COMET 5 4 M

Camera Resolution	2048 x 2048
Measuring Volume in mm ³	
50	55 x 55 x 50
100	80 x 80 x 60
200	190 x 190 x 140
400	380 x 380 x 250
800	760 x 760 x 500
3D Point Distance in µm	
50 / 100 / 200 / 400 / 800	25 / 40 / 95 / 190 / 380
Shortest Measuring Time in Seconds	0.8
PC	HighEnd Workstation: 1 x Intel Xeon Quadcore, 24 GB Upgrade optional: 1 x additional Quadcore CPU, up to 96 GB
Sensor Positioning	tripod or sensor stand with motorized turn and tilt axis, robot
Automatic Object Positioning	rotation table, robot

COMET 5 11 M

Camera Resolution	4016 x 2688
Measuring Volume in mm ³	
50	75 x 50 x 50
100	140 x 95 x 70
200	330 x 220 x 200
400	560 x 375 x 370
800	900 x 600 x 600
3D Point Distance in µm	
50 / 100 / 200 / 400 / 800	18 / 38 / 85 / 140 / 225
Shortest Measuring Time in Seconds	4.0
PC	HighEnd Workstation: 1 x Intel Xeon Quadcore, 24 GB Upgrade optional: 1 x additional Quadcore CPU, up to 96 GB
Sensor Positioning	tripod or sensor stand with motorized turn and tilt axis, robot
Automatic Object Positioning	rotation table, robot