

CMM Manufacturers Guide

Company/Product	Machine Type	Range			Resolution (µm.)	Linear Accuracy			Temp. Range (°F)	Volumetric Accuracy	Repeatability (µm.)	Throughput (points/min)	Guide Method	Probe Type					Control	T Comp.
		X-axis (inches)	Y-axis (inches)	Z-axis (inches)		Accord. To	X-axis (µm.)	Y-axis (µm.)						Z-axis (µm.)	Analog	Switching	Laser	Contact		
A.A. Jansson Inc. Ph. 248-674-4811 Fax 248-674-1234																				
The Inspector 10150	Horiz. Arm	Call	60	40	400	•	2,000	2,000	2,000	3X = 5,000		Mechanical	•							
The Inspector 12150	Horiz. Arm	Call	48	60	400		2,000	2,000	2,000	3X = 5,000		Mechanical	•							
The Inspector 15150	Horiz. Arm	Call	60	60	400	•	2,000	2,000	2,000	3X = 5,000		Mechanical	•							
The Inspector 18150	Horiz. Arm	Call	60	72	400		2,000	2,000	2,000	3X = 5,000		Mechanical	•							
The Inspector 20150	Horiz. Arm	Call	60	80	400	•	2,000	2,000	2,000	3X = 5,000		Mechanical	•							
The Inspector 25150	Horiz. Arm	Call	60	100	400	•	2,000	2,000	2,000	3X = 5,000		Mechanical	•							
The Inspector 30150	Horiz. Arm	Call	60	120	400	•	2,000	2,000	2,000	3X = 5,000		Mechanical	•							
Acu-Gage Systems Ph. 603-622-2481 Fax 603-626-1277																				
High Precision Line	Fixed Bridge	8-24	8-24	4-12	20		200	200	200	68-84	60	Mechanical	•							
Linear Motor Drive Series	Gantry	48	48-96	4-12	40		500	500	500	65-85	300	Mechanical	•							
MMR	Gantry	12-36	12-48	4-12	40		300	300	300	65-85	300	Mechanical	•							
Single Axis	Gantry	12-120			40		300			65-85	300	Mechanical	•							
American SIP Corp. Ph. 859-534-5201 Fax 859-534-5212																				
CAP54	Horiz. Arm	20	20	16	4	•				60-86	6,000	Hydrostatic	•							
CAP55	Horiz. Arm	28	28	24	4	•				60-86	6,000	Hydrostatic	•							
Orion 5	Fixed Bridge	28	28	22	10 µ"	•	32 ± L/0.8 µ"			68-72	6,000	Hydrostatic	•							
Silius 7	Fixed Bridge	39	34	32	4	•	56 ± L/0.6 µm			60-86	6,000	Hydrostatic	•							
Silius 8	Fixed Bridge	39	60	32	4	•	56 ± L/0.6 µm			60-86	6,000	Hydrostatic	•							
Trips Series	Ring Bridge	16-120	16-60	16-40	10	•	60 ± 1.5L			60-86	6,000	Hydrostatic	•							
Axela Inc. Ph. 248-426-0919 Fax 248-426-0940																				
ABMT100	Port. Artic. Arm	8.3' Sphere								40-113	4,800		•							
ABM2000 System 6	Port. Artic. Arm	6.6'-12' Sphere								40-113	4,800		•							
ABM2500 System 6	Port. Artic. Arm	7.3'-12' Sphere								40-113	4,800		•							
ABMTUBE	Artic. Arm	6.6'-21.3' Sphere								40-113	4,800		•							
Orbital 8 Axis	Artic. Arm	8'-20' Sphere								40-113	4,800		•							
VPS Sensor Grid	Artic. Arm	17'-20' Sphere								40-113	4,800		•							
Brown & Sharpe Ph. 401-886-2000 Fax 401-886-2727																				
Beta 3P	Gantry	101-203	60-101	40-60	40	•				68 ± 1.8	3X = 280 + 800 - 800 + 200L	Air	•							
Beta 5PM	Gantry	101-132	60-81	40-60	40	•				68 ± 1.8	3X = 280 + 800 - 640 + 150L	Air	•							
Breno	Horiz. Arm	73-332	26-118	38-130	40	•				68 ± 1.8	3X = 600 + 1500 - 2,000 + 450L	Air	•							
Delta 5P	Gantry	132-254	81-101	60-73	40	•	200	200	200	68 ± 1.8	3X = 200 + 600 - 360 + 100L	Air	•							
Gage 2000	Bridge-Vert.	18	20	16		•				68 ± 1.8	3X = 400	Air	•							
Gage 2000A	Artic. Arm	48-144 Dia. Sphere						1,000-4,700			40	Air	•							
Chibi Series	Bridge-Vert.	80-104	60	54		•				68 ± 3.6	3X = 240	Air	•							
Chibi Record Series	Bridge-Vert.	79-102	47	37		•				68 ± 3.6	3X = 270	Air	•							
Chibi Trax Series	Bridge-Vert./Slant	79-102	47	37		•				59-86	3X = 310-390	Air	•							
GLOBAL Series	Bridge-Vert.	20-59	16-118	16-39		•				60-110		Air	•							
Lambdas	Gantry	130-640	130-254	101-162	40	•				68 ± 1.8	3X = 400 + 140L-640 + 250L	Air	•							

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		X-axis (inches)	Y-axis (inches)		Z-axis (inches)	Accord.	X-axis (µm.)					Y-axis (µm.)	Z-axis (µm.)	Analog	Switching	Laser	Contact		Vision System	Manual
Endeavor FlexScan Endeavor FlexScan High Accuracy Endeavor High Accuracy	Bridge-Vert.	36-48	36-120	26-40	4	120	120	100	3X = 320	100	Porous Medium	•	•	•	•	•	•	•	•	
	Bridge-Vert.	36-48	36-120	26-40	4	100	100	80	3X = 260	80	Porous Medium	•	•	•	•	•	•	•	•	
	Bridge-Vert.	36-48	36-120	26-40	4	100	100	80	3X = 260	80	Porous Medium	•	•	•	•	•	•	•	•	
Helmel Engineering Products Inc. Ph. 716-297-8644 Fax 716-297-9405	Bridge-Vert.	12	12	10	20	180 + 6 µm/in.	180 + 6 µm/in.	68 ± 2	3X = 360	160	Mechanical	•	•	•	•	•	•	•	•	
	Bridge-Vert.	16	20	14	20	180 + 6 µm/in.	180 + 6 µm/in.	68 ± 2	3X = 360	120	Mechanical	•	•	•	•	•	•	•	•	
	Bridge-Vert.	60	120	40	40	200 + 9-10 µm/in.	200 + 9-10 µm/in.	68 ± 2	3X = 1,100	200	Mechanical	•	•	•	•	•	•	•	•	
	Bridge-Vert.	45	80	40	40	200 + 9 µm/in.	200 + 9 µm/in.	68 ± 2	3X = 900	200	Mechanical	•	•	•	•	•	•	•	•	
	Bridge-Vert.	20	20	16	20	180 + 6 µm/in.	180 + 6 µm/in.	68 ± 2	3X = 440	160	Mechanical	•	•	•	•	•	•	•	•	
	Bridge-Vert.	20	30	16	20	180 + 6 µm/in.	180 + 6 µm/in.	68 ± 2	3X = 440	160	Mechanical	•	•	•	•	•	•	•	•	
	Bridge-Vert.	30	40	20-25	20	200 + 8 µm/in.	200 + 8 µm/in.	68 ± 2	3X = 700	160	Mechanical	•	•	•	•	•	•	•	•	
	Bridge-Vert.	40	60	20-25	20	250 + 10 µm/in.	250 + 10 µm/in.	68 ± 2	3X = 800	200	Mechanical	•	•	•	•	•	•	•	•	
	Bridge-Vert.	50	80	25	20	250 + 10 µm/in.	250 + 10 µm/in.	68 ± 2	3X = 800	200	Mechanical	•	•	•	•	•	•	•	•	
	Bridge-Vert.	20	30	16	40	180 + 7 µm/in.	180 + 7 µm/in.	68 ± 2	3X = 450	150	Mechanical	•	•	•	•	•	•	•	•	
	International Metrology Systems Inc. Ph. 248-374-0700 Fax 248-374-9700	Bridge-Vert.	20	24	18	20	•	•	68 ± 2	3X = 2.5 + L/300	100	Air	•	•	•	•	•	•	•	•
		Bridge-Vert.	30	30	22	20	•	•	68 ± 2	3X = 30 + L/300	100	Air	•	•	•	•	•	•	•	•
Horiz. Arm		40-240	30-80	40-100	20	•	•	68 ± 2	3X = 23 + 22L/1,000	200	Air/Mechanical	•	•	•	•	•	•	•	•	
Bridge-Vert.		30	44-88	20-30	20	•	•	68 ± 2	3X = 3 + L/300	100	Air	•	•	•	•	•	•	•	•	
Bridge-Vert.		44	44-120	30-40	20	•	•	68 ± 2	3X = 4 + L/300	100	Air	•	•	•	•	•	•	•	•	
Bridge-Vert.		55	60-120	30-50	20	•	•	68 ± 2	3X = 5 + L/300	100	Air	•	•	•	•	•	•	•	•	
Bridge-Vert.		63	88-120	40-50	20	•	•	68 ± 2	3X = 6 + L/300	140	Air	•	•	•	•	•	•	•	•	
Gantry		60-200	120-375	44-80	20	•	•	68 ± 2	3X = 10 + 5L/1,000	200	Air	•	•	•	•	•	•	•	•	
Bridge-Vert.		14	14	12	20	•	•	68 ± 2	3X = 3 + L/250	100	Linear Guides	•	•	•	•	•	•	•	•	
Bridge-Vert.		20	20	16	20	•	•	68 ± 2	3X = 3.5 + L/250	100	Linear Guides	•	•	•	•	•	•	•	•	
Bridge-Vert.		30	20	16	20	•	•	68 ± 2	3X = 3.5 + L/200	100	Linear Guides	•	•	•	•	•	•	•	•	
Bridge-Vert.		20	14	12	20	•	•	68 ± 2	3X = 3 + L/250	100	Linear Guides	•	•	•	•	•	•	•	•	
Intra Corp. Inc. Ph. 734-326-7030 Fax 734-326-1410	Bridge-Vert.	12-24	12-36	12-18	40	•	•	200	200	200	Air	•	•	•	•	•	•	•	•	
	Fixture Mate																			
Laser Design Inc. Ph. 952-884-9648 Fax 952-884-9653	DS Series	20-60	16-120	16-40	40	•	•	220-320	3X = 600-1,600	240-260	Acrc. Bearings	•	•	•	•	•	•	•	•	
	Fixed Bridge																			
Leica Geosystems—IMS Ph. 800-367-9453 Fax 770-734-1394	Port. Laser Scanner	0-24m	0-24m	1 µm	1 µm			40-105	3X = 100 µm at 10 m	30,000									•	
	Port. Laser Tracker	0-25m	0-25m	1 µm	1 µm			40-105	3X = 100 µm at 10 m	30,000									•	
	Port. Laser Tracker	0-35m	0-35m	1 µm	1 µm			40-105	3X = 100 µm at 10 m	30,000									•	
	Port. Laser Tracker	0-35m	0-35m	1 µm	1 µm			40-105	3X = 100 µm at 10 m	30,000									•	
	Port. Tracking	2-600m	2-600m	10 µm	10 µm			4-122	3X = 300 µm at 20 m	4+									•	
	Port. Manipulation	0.6-10m	0.6-10m	1 µm	1 µm			4-123	3X = 100 µm at 5 m	4+									•	

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		X-axis (inches)	Y-axis (inches)		Z-axis (inches)	X-axis (µm.)	Y-axis (µm.)					Z-axis (µm.)	Analog	Switching	Laser	Contact	Vision System	
Y-STARS/S	Port. Camera Offline	2-25 m		1 µm				32-95	3X = 50 µm at 5 m	10 µm		Noncontact						
Y-STARS/M	Port. Camera Offline	2-10 m		1 µm				32-95	3X = 100 µm at 5 m	50 µm		Noncontact						
UK Metrology Systems Inc. Ph. 810-220-4360 Fax 810-220-4300																		
G90C 6.5.4	Bridge-Vert.	24	20	16	168	160	152	68 ± 3.5	3X = 250	59	Air	•	•	•	•	•	•	•
G90C 8.7.6	Bridge-Vert.	32	28	24	184	176	168	68 ± 3.5	3X = 270	69	Air	•	•	•	•	•	•	•
G90C XX.10.8	Bridge-Vert.	40-160	40	32	200	184	168	68 ± 3.5	3X = 290	79	Air	•	•	•	•	•	•	•
G90C XX.12.10	Bridge-Vert.	40-160	48	40	216	200	184	68 ± 3.5	3X = 310	89	Air	•	•	•	•	•	•	•
G90C XX.15.10	Bridge-Vert.	40-160	60	40	240	200	184	68 ± 3.5	3X = 330	98	Air	•	•	•	•	•	•	•
G90C XX.15.12	Bridge-Vert.	40-160	60	48	240	216	200	68 ± 3.5	3X = 370	118	Air	•	•	•	•	•	•	•
G90C XX.15.15	Bridge-Vert.	40-160	60	60	240	240	216	68 ± 3.5	3X = 450	157	Air	•	•	•	•	•	•	•
HC90 XX.16.16	Horiz. Arm	160-320	64	64	248	248	248	68 ± 3.5	3X = 760	236	Air	•	•	•	•	•	•	•
HC90 XX.16.20	Horiz. Arm	160-320	64	80	248	248	248	68 ± 3.5	3X = 760	236	Air	•	•	•	•	•	•	•
HC90 XX.16.25	Horiz. Arm	160-320	64	100	248	248	248	68 ± 3.5	3X = 760	236	Air	•	•	•	•	•	•	•
LY995 XX.16.16	Horiz. Arm	79-315	63	63	1,020	1,020	1,020	68 ± 3.5	3X = 1,710	790	Mechanical	•	•	•	•	•	•	•
LY995 XX.16.20	Horiz. Arm	79-315	63	79	1,020	1,180	1,180	68 ± 3.5	3X = 1,710	79	Mechanical	•	•	•	•	•	•	•
LY995 XX.16.25	Horiz. Arm	79-315	63	98	1,020	1,380	1,380	68 ± 3.5	3X = 2,490	118	Mechanical	•	•	•	•	•	•	•
LY995 XX.20.16	Horiz. Arm	79-315	79	63	1,180	1,020	1,020	68 ± 3.5	3X = 2,490	118	Mechanical	•	•	•	•	•	•	•
LY995 XX.20.20	Horiz. Arm	79-315	79	79	1,180	1,180	1,180	68 ± 3.5	3X = 2,490	118	Mechanical	•	•	•	•	•	•	•
LY995 XX.20.30	Horiz. Arm	79-315	79	118	1,180	1,580	1,580	68 ± 3.5	3X = 2,490	118	Mechanical	•	•	•	•	•	•	•
ULTRA 10.10.8	Bridge-Vert.	40	40	32	110	110	94	68 ± 0.9	3X = 130	20	Air	•	•	•	•	•	•	•
ULTRA 15.10.8	Bridge-Vert.	60	40	32	150	110	94	68 ± 0.9	3X = 130	20	Air	•	•	•	•	•	•	•
ULTRA 20.10.8	Bridge-Vert.	80	40	32	190	110	94	68 ± 0.9	3X = 140	28	Air	•	•	•	•	•	•	•
ULTRA 25.10.8	Bridge-Vert.	100	40	32	230	110	94	68 ± 0.9	3X = 140	28	Air	•	•	•	•	•	•	•
Mahr Federal Inc.—Multisensor Division Ph. 800-969-1331 Fax 513-489-2020																		
C-400	Flood Bridge	18	12	8	4	4	4	62-74	3X = 2.5 + L/200 µm	< 40	Air	•	•	•	•	•	•	•
MS-Series	Flood Bridge	10-18	8	8	20	20	20	64-72	3X = 2.9 + L/100 µm	< 40	Mechanical	•	•	•	•	•	•	•
OMS-Series	Bridge-Vert.	16-53	16-39	10-23	4	4	4	62-74	3X = 1.9 + L/400 µm	< 40	Air	•	•	•	•	•	•	•
OMS-802 (Dual Z Axis)	Bridge-Vert.	32	32	14/14	4	4	4	64-74	3X = 1.6 + L/500 µm	< 40	Air	•	•	•	•	•	•	•
PMC 500	Bridge-Vert.	20	24	16	20	20	20	64-72	3X = 3.5 + L/300 µm	< 40	Air	•	•	•	•	•	•	•
PMC 650 and PMC 800	Bridge-Vert.	26-31	47-59	20-28	20	20	20	64-72	3X = 3 + L/350 µm	< 40	Air	•	•	•	•	•	•	•
MetricVision Ph. 703-550-2945 Fax 703-550-2949																		
MetricVision MV200	Meas. Robot	Range, elev., azimth. = 945			1 µm	4,500		40-105	3X = L/100 @ 10m	250		Noncontact						
Micro-Metric Inc. Ph. 408-452-8505 Fax 408-452-8412																		
IMS Series	Bridge-Vert./Laser	4-16	4-16	4-16	4 ± 10	4 ± 10	4 ± 10	50-95	3X = 4 ± 17	± 10 ± 5	6 Needle Bearing	•	•	•	•	•	•	•
Micro-Vu Corp. Ph. 707-838-6272 Fax 707-838-3985																		
Excel	Gantry	24-60	24-48	6	01-5 µm	•	•											
Quantum	Flood Bridge	28-36	24	5.5-9	01-5 µm	•	•											
Matrix	Flood Bridge	24-36	18-24	6-12	1-2 µm	•	•											

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		X-axis (inches)	Y-axis (inches)		Z-axis (inches)	Accord.						X-axis (µm)	Y-axis (µm)	Z-axis (µm)	Analog	Switching	Laser		Contact	Vision System
Vector Vertex	Fixed Bridge	6-12 8-12	6-12 6-12	0.52 µm 0.1-1 µm	VD/V/D To 889			X-Axis 300-500 µm Z-Axis 10 µm	±100 µm 2 µm		Cross Rollers Mono-Rail									
Mitutoyo America Corp. Ph. 630-820-9666 Fax 630-820-7403																				
Bright Apex 504	Bridge-Vert.	20	16	0.1 µm	ISO	(2.9 + 4L/1,000) µm	61-79	3X = (2.9 + 4L/1,000) µm	60		Air									
Bright Apex 707	Bridge-Vert.	28	24	0.1 µm	ISO	(2.9 + 4L/1,000) µm	61-79	3X = (2.9 + 4L/1,000) µm	60		Air									
Bright Apex 710	Bridge-Vert.	28	40	0.1 µm	ISO	(2.9 + 4L/1,000) µm	61-79	3X = (2.9 + 4L/1,000) µm	60		Air									
Bright Apex 910	Bridge-Vert.	36	40	0.1 µm	ISO	(3.9 + 4L/1,000) µm	61-79	3X = (3.9 + 4L/1,000) µm	60		Air									
Bright Apex 916	Bridge-Vert.	36	64	0.1 µm	ISO	(3.9 + 4L/1,000) µm	61-79	3X = (3.9 + 4L/1,000) µm	60		Air									
Bright Apex 1212	Bridge-Vert.	48	48	0.1 µm	ISO	(4.9 + 5L/1,000) µm	61-79	3X = (4.9 + 5L/1,000) µm	60		Air									
Bright Apex 1220	Bridge-Vert.	48	80	0.1 µm	ISO	(4.9 + 5L/1,000) µm	61-79	3X = (4.9 + 5L/1,000) µm	60		Air									
Bright Apex 1230	Bridge-Vert.	48	120	0.1 µm	ISO	(4.9 + 5L/1,000) µm	61-79	3X = (4.9 + 5L/1,000) µm	60		Air									
BRTM 507	Bridge-Vert.	20	28	0.5 µm	ISO	(4 + 5L/1,000) µm	66-70	3X = (4 + 5L/1,000) µm	60		Air									
BRTM 707	Bridge-Vert.	28	28	0.5 µm	ISO	(5 + 5L/1,000) µm	66-70	3X = (5 + 5L/1,000) µm	60		Air									
BRTM 710	Bridge-Vert.	28	40	0.5 µm	ISO	(5 + 5L/1,000) µm	66-70	3X = (5 + 5L/1,000) µm	60		Air									
BRT Strato 707	Bridge-Vert.	28	28	0.1 µm	ISO	(1.4 + 3L/1,000) µm	64-72	3X = (1.4 + 3L/1,000) µm	60		Air									
BRT Strato 710	Bridge-Vert.	28	40	0.1 µm	ISO	(1.4 + 3L/1,000) µm	64-72	3X = (1.4 + 3L/1,000) µm	60		Air									
BRT Strato 910	Bridge-Vert.	36	40	0.1 µm	ISO	(1.7 + 3L/1,000) µm	64-72	3X = (1.7 + 3L/1,000) µm	60		Air									
BRT Strato 916	Bridge-Vert.	36	64	0.1 µm	ISO	(1.7 + 3L/1,000) µm	64-72	3X = (1.7 + 3L/1,000) µm	60		Air									
BRT Strato 1620, 1630, 1640	Bridge-Vert.	63	80-160	0.1 µm	ISO	(3.8 + 4L/1,000) µm	64-72	3X = (3.8 + 4L/1,000) µm	60		Air									
LEGEX 707	Fixed Bridge	28	28	18/24	0.01 µm	(0.48 + L/1,000) µm	64-72	3X = (0.48 + L/1,000) µm	40		Air									
LEGEX 910	Fixed Bridge	36	40	24	0.01 µm	(0.48 + L/1,000) µm	64-72	3X = (0.48 + L/1,000) µm	40		Air									
MACH 403-04	Horiz. Arm	18	18	12	0.1 µm	(3.5 + 4L/1,000) µm	59-77	3X = (3.5 + 4L/1,000) µm	80		Ball Bearing									
MACH 806-10	Horiz. Arm	40	32	24	0.1 µm	(3.5 + 4L/1,000) µm	59-77	3X = (3.5 + 4L/1,000) µm	80		Ball Bearing									
Myrona Inc. Ph. 734-453-5880 Fax 734-453-4076																				
Altera I Multi-Sensor 401	Fixed Bridge	19	16	6-12	2 *	1.2 + L/400 µm	68 ±3.6	3X = 1.2 + L/400 µm	4	60+	Air									
Altera I Multi-Sensor 402	Fixed Bridge	17	16	12	2 *	0.6 + L/400 µm	68 ±3.2	3X = 1.2 + L/360 µm	4	60+	Air									
Altera II Multi-Sensor 601 and 602	Fixed Bridge	24-29	24	6-12	2 *	1.2 + L/400 µm	68 ±3.2	3X = 1.2 + L/400 µm	4	60+	Air									
Magnus I & II Multi-Sensor Series	Fixed Bridge	17-47	16-39	6-18	2 *	1.2 + L/400 µm	68 ±3.6	3X = 2.2 + L/360 µm	4	60+	Air									
Magnus MB Multi-Sensor	Bridge-Vert.	80	40	33	*	3.0 + L/300 µm	68 ±3.6	3X = 4.8 + L/200 µm	60+	60+	Air									
Primus Multi-Sensor 300	Bridge-Vert.	12	6	6	4 *	2.3 + L/150 µm	68 ±3.6	3X = 3.3 + L/100 µm	8	60+	Needle Bearings									
Signum A Multi-Sensor 300	Bridge-Vert.	12	12	6-8	4 *	2.4 + L/400 µm	68 ±3.6	3X = 3.4 + L/400 µm	8	60+	Needle Bearings									
Signum B Multi-Sensor 400	Bridge-Vert.	16	8	6-10	4 *	2.4 + L/400 µm	68 ±3.6	3X = 3.4 + L/400 µm	8	60+	Needle Bearings									
Signum C Multi-Sensor 400	Bridge-Vert.	16	16	8-10	4 *	2.4 + L/400 µm	68 ±3.6	3X = 3.4 + L/300 µm	8	60+	Needle Bearings									
Signum D Multi-Sensor 600	Bridge-Vert.	24	20	6-10	4 *	3.6 + L/400 µm	68 ±3.6	3X = 4.6 + L/300 µm	8	60+	Needle Bearings									
Signum H.A. Multi-Sensor 201 and 202	Fixed Bridge	12-16	8-12	6-12	2 *	1.2 + L/400 µm	68 ±3.2	3X = 2.2 + L/300 µm	4	60+	Air									
Signum H.A. Multi-Sensor 401 and 402	Fixed Bridge	16	8-16	6-12	2 *	1.2 + L/400 µm	68 ±3.2	3X = 1.2 + L/400 µm	4	60+	Air									
Nikon Inc.																				
Ph. 800-526-4566 Fax 631-547-0306																				
VM-150 Nexiv	Single Col., XY Stage	12	8	6	0.1 µm	XY-Axis 3.5 + L/100	50-95	3 + L/50 µm												
VM-150 Ventas	Single Col., XY Stage	12	8	6	0.1 µm	XY-Axis 3.5 + L/100	50-95	3 + L/50 µm												
VM-250 Nexiv	Single Col., XY Stage	10	8	6	0.1 µm	XY-Axis 2.5 + L/250	50-95	3 + L/50 µm												

CMM Manufacturers Guide	Company/Product	Machine Type	Range		Resolution (µm)	Linear Accuracy		Temp. Range (F)	Volumetric Accuracy	Repeatability (µm)	Throughput (parts/min)	Guide Method	Probe Type					T Comp.										
			X-axis (inches)	Y-axis (inches)		Z-axis (inches)	Accord. To						X-axis (µm)	Y-axis (µm)	Z-axis (µm)	Analog	Switching		Laser	Contact	Vision System	Manual	D.C.C.	Manual Input	Part Sensor	Machine Sensor		
OPTEK Operations Technology Inc. (OPTEK) Ph. 908-362-6200 Fax 908-362-5966 OPTEK Immersion 462X OPTEK Immersion 712X OPTEK Immersion 942X OPTEK Immersion 1272X (LF) OPTEK VideoMic 1273V (LF) OPTEK VideoMic 463V OPTEK VideoMic 613V OPTEK VideoMic 712J OPTEK VideoMic 713V OPTEK VideoMic 763V (LF) OPTEK VideoMic 863V	VM-250 Veritas	Single Col., XY Stage	10	8	6	0.1 µm	•	50-95	3-axis = 3X (µm.) 4-axis = 4X (µm.) 6-axis = 6X (µm.)																			
	VM-1000 Nevix	Fixed Bridge	40	32	6	0.1 µm	•	50-95																				
	VM-6555 Nevix	Fixed Bridge	12	12	6	0.01 µm	•	50-95																				
	VMH-3000 Nevix	Single Col., XY Stage	12	12	6	0.01 µm	•	59-77																				
	VMR-3020 Nevix	Single Col., XY Stage	12	8	6	0.1 µm	•	50-95																				
	Optical Gaging Products Inc. Ph. 585-544-0400 Fax 585-544-0131 Avant Zip 300 SmartScope Flare 200 SmartScope Flare 700 SmartScope Flash 200 SmartScope Flash 700 SmartScope Quest 250 SmartScope Quest 450 SmartScope Quest 600 SmartScope Quest 650 SmartScope ZIP 250																											
Romer Inc. Ph. 800-218-7125 Fax 248-324-0525 30100 SMR Corp. Ph. 610-444-2300 Fax 610-444-2323 Tracker 4500 The L.S. Starrett Co. Ph. 978-249-3551 Fax 978-249-8495 Aurora ICC2828-24 Aurora ICC4028-24 Aurora ICC4800-24 Aurora ICC2828-24																												

