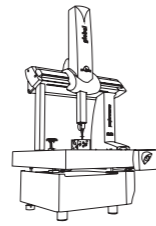


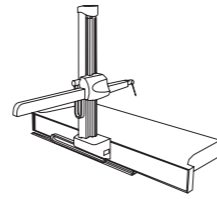
LASER TRACKERS & STATIONS



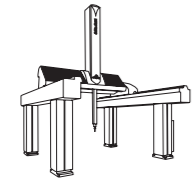
PORTABLE MEASURING ARMS



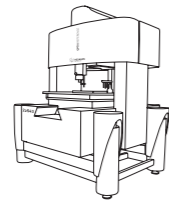
BRIDGE CMMs



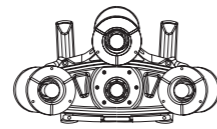
HORIZONTAL ARM CMMs



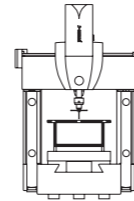
GANTRY CMMs



MULTISENSOR & OPTICAL SYSTEMS



WHITE LIGHT SCANNERS



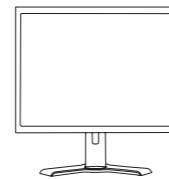
ULTRA HIGH ACCURACY CMMs



SENSORS



PRECISION MEASURING INSTRUMENTS



SOFTWARE SOLUTIONS

OPTIV LITE

Vision Measuring System



Hexagon Metrology offers a comprehensive range of products and services for all industrial metrology applications in sectors such as automotive, aerospace, energy and medical. We support our customers with actionable measurement information along the complete life cycle of a product – from development and design to production, assembly and final inspection.

With more than 20 production facilities and 70 Precision Centers for service and demonstrations, and a network of over 100 distribution partners on five continents, we empower our customers to fully control their manufacturing processes, enhancing the quality of products and increasing efficiency in manufacturing plants around the world.

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www.hexagonmetrology.asia

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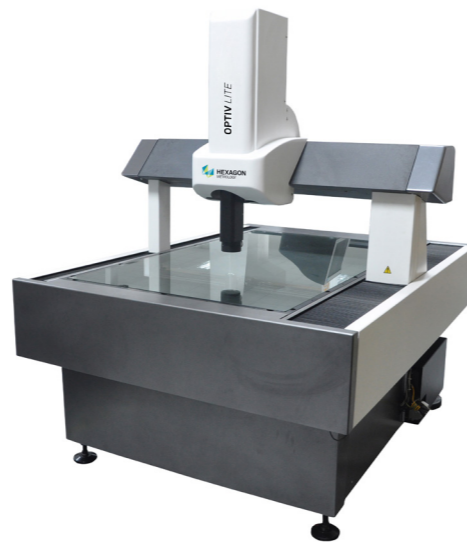
Learn more at www.hexagon.com

Optiv Lite DCC Measurement Efficiency

In manufacturing both efficiency and product quality are essential. Hexagon Metrology Optiv Lite DCC is the answer. The system comes with a fully automated 3 axis stage, coupled with the world famous PC-DMIS software, ensuring a quality process using optimum efficiency and reliability.



Models	DCC 3020	DCC 4030
• Effective measuring size	300x200x200 mm	400x300x200 mm
• Overall dimension	716x753x1015 mm	766x803x1015mm
• Camera	1/3" high resolution colour CCD camera	
• Accuracy Exy	3.0 + L/150 µm	
• Accuracy Ez	4.5+L/150 µm	
• Working distance	60mm	
• Illumination	LED stage light and 4 quadrants LED ring light	
• Magnification	Auto Zoom 0.7x to 4.5x (40x – 240x)	
• Resolution	0.05 µm	
• Load bearing capacity	20kg	
• Software	PC-DMIS Vision	
• Option	Tactile Option	
• Working environment	20°C ± 2K	
• Humidity	40% - 70% RL	



The long stroke version is specially designed for solar, home appliance and PCB manufacturing. The system adopts Hexagon Metrology's patented triangular beam technology in order to provide the optimum stiff-to-mass ratio. The design significantly reduces vibration by lowering the gravity's point and thus provides greater stability and higher accuracy.

Models	OLL DCC 5060	OLL DCC 6080	OLL DCC 80100	OLL DCC 100120	OLL DCC 120150	OLL DCC 180200
• Measuring range	500x600x250 mm	600x800x250 mm	800x1000x250 mm	1000x1200x250 mm	1200x1500x250 mm	1800x2200x250 mm
• Dimension	1110x1480x1750	1210x1680x1750	1410x1880x1750	1610x2080x1750	1810x2380x1750	1410x3080x1750
• Load bearing capacity	30kg	30kg	35kg	35kg	40kg	40kg
• Accuracy	3.0 + L/150 µm	3.0 + L/150 µm	4.0 + L/150 µm	4.0 + L/150 µm	6.0 + L/150 µm	6.0 + L/150 µm
• Scale resolution	0.4 µm					
• Option	Software-CAD & Tactile TESASTAR probe					
• Power supply	230 V AC ± 10%, 50 to 60 Hz					
• Working environment	20°C ± 2K					
• Humidity	40% - 70% RL					
• Permissible floor vibration	< 5 x 10 ⁻³ m/s ² corresponds to an amplitude of < 5 µm at 5 Hz					

Optiv Lite OLM Accurate, Reliable, User-Friendly

Optiv Lite Manual series is one of the most intuitive and user friendly, manually operated, vision measuring system. The system design takes into consideration the accuracy, repeatability and reliability of measurement results. Therefore granite was used for the XY stage and the Z axis column.

OLM is suitable for shop floor operation. It provides fast, accurate measurement for both routine and complex parts. The system can be completed with multi sensor capability (tactile option).



Models	OLM 2515	OLM 3020	OLM 4030
• Effective measuring size	250x150x200 mm	300x200x200 mm	400x300x200mm
• Overall dimension	716x753x1015 mm	766x803x1015mm	866x903x1015mm
• Camera	1/3" high resolution colour CCD camera		
• Accuracy Exy	3.0 + L/150 µm		
• Accuracy Ez	5.0 + L/150 µm		
• Working distance	90mm		
• Illumination	LED stage light and LED ring light		
• Magnification	Manual zoom (30x to 180x)		
• Resolution	1.0 µm		
• Load bearing capacity	10kg		
• Software	VMS 3.1		
• Option	Tactile		
• Working environment	20°C ± 2K		
• Humidity	40% - 70% RL		

Software VMS 3.1 - Standard Software supplied with OLM systems.

- One click operation. Easy and user friendly.
- Auto Edge detection ensures repeatable results.
- Complete GD&T function.
- Support CAD import and export (IGS, DXF and STEP files).
- Convenient Data reporting output format (Word, Excel or PDF).
- Built-in SPC module.

PC-DMIS Software Bringing the Power of PC-DMIS to Vision Measurement

PC-DMIS has long set the standard for CAD-based CMM software. PC-DMIS Vision brings these capabilities and a host of new ones to the world of vision measurement. PC-DMIS Vision provides vision metrologists with the same tools long available to users of PC-DMIS CMM. These include powerful methods for measuring 3D parts on vision systems. It also makes short work of measuring 2D parts, the traditional applications of vision measurement. In addition, PC-DMIS Vision users have access to the complete EMS range of additional analytical and reporting capabilities.

PC-DMIS pioneered the incorporation of CAD into metrology software. PC-DMIS Vision adapts this fundamental capability to the unique demands of vision metrology. Allowing CAD models to be used as perfect "master parts" for programming and inspection purposes greatly improves both programming and inspection throughput. Benefits of PC-DMIS Vision's CAD-based capabilities:

- Perform both part-to-CAD and advanced GD&T analyses not possible with traditional vision software.
- Extract information right from the CAD model, eliminating errors of data interpretation and input.
- Increase part programming throughput up to 75% by using 3D CAD models to develop, check and edit inspection routines with point-and-click simplicity.
- Import CAD models and export measurement results in a wide range of industry standard and vendor specific formats.
- Develop programs off-line with an optional module that simulates all aspects of the measurement process. Switch between the CAD view and a CADCamera® view that accurately simulates not only a camera image but also the illumination and magnification parameters.
- Draw on PC-DMIS's feature based programming functions to simplify both feature creation and editing.
- Standard PC-DMIS reporting toolset allows CAD images to be embedded in inspection reports for ease of reference.

* OPTIV Lite products are exclusively dedicated for Asia Pacific markets