System

- 4.5.4 Shop Floor CMM
- Controller, H3C-T 600W, US 120V
- Workpiece Standard Thermal Sensor
- Next Jogbox

Probe Heads & Sensors

- Manual Probe Head, HH-MI-M
- Touch Trigger Probe Module Set, HP-TM US Kit #2 (Body, 2x SF)
- M2-Stylus Kit No. 7
- Probe Qualification Sphere, Steel (M8)

Computer & Software

- PC-DMIS CAD
- PC-DMIS Sheet Metal
- PC-DMIS Autopath Module
- Touchscreen, ELO 1502L 15" LED
- Computer, Lenovo P520, WIN10-IOT-ENT-LTSB

Support & Service

- Classroom Training - CMM PC-DMIS Level 1 (5 Days)
- Classroom Training - CMM PC-DMIS Level 2 (3 Days)
- MyCare Essential
- Onsite Performance Verification, B89
- Installation
- Hardware Warranty

Quantity	Part Number	Description
1	H007060	**4.5.4 Shop Floor CMM** The 4.5.4 SF CMM offers a robust dimensional inspection capability in a fully automated and economical CMM designed and built to excel in harsh manufacturing environments, shoulder-to-shoulder with machine tools. Linear bearings and heavy-duty components provide a highly reliable and low maintenance measurement solution. Furthermore, every attention to detail has been taken to provide a first in class user experience. • Measuring Range 355mm (14") x 514mm (20.2") x 353mm (13.9") • See the 4.5.4 Shop Floor CMM in action.
1	03940101	**Controller, H3C-T 600W, US 120V** Controller electronics support touch-trigger capability and temperature compensation on the SF 4.5.4. The H3C-T is also compatible with the Next Jogbox (NJB) which comes standard with all Shop Floor CMMs. The H3C-T comes in a compact IP-32 rated electrical cabinet that is mounted to the back of the machine.
1	80-405-241-2	**Workpiece Standard Thermal Sensor**
1	H009834	**Next Jogbox** The Next Jogbox (NJB) is the first manual coordinate measuring machine (CMM) control interface to be designed based on extensive user experience research. Offering ergonomic design coupled with robust construction, it lets you take control of your CMM comfortably – all day, every day. The Next Jogbox was developed for you, the user. A combination of extensive user research, iterative prototyping, extensive knowledge of manufacturing and carefully chosen components led Hexagon Manufacturing Intelligence to create the NJB in an effort to transform the user experience and significantly increase product durability in the field. Most importantly, the NJB can easily be added and installed to most Hexagon CMM systems as an upgrade. Please contact your local service department for a full list of supported machines.

Quantity	Part Number	Description
1	03939031	**Manual Probe Head, HH-MI-M** The HH-MI-M is a probe head with an accurate indexing probe stylus. The HH-MI-M can turn to 168 positions and swivel in 15° increments without the need for recalibration. It can accept all probes and accessories with an M8 connection.
1	03939210US	**Touch Trigger Probe Module Set, HP-TM US Kit #2 (Body, 2x SF)** The Tesastar-MP probe is a compact 5 way touch trigger probe. The two piece design is comprised of the probe body and a detachable stylus module. The body and stylus are connected together by a highly repeatable kinematic magnetic coupling. The modules can be quickly changed either manually or automatically without the need to recalibrate the probe. The stylus modules are available in four versions each giving a different trigger force. The Tesastar-MP system can be easily retrofitted and is compatible with existing touch trigger controllers, extension and accessories.

Quantity	Part Number	Description
1	03969076	**M2-Stylus Kit No. 7**

Stylus Kit Contents:

2x M2-Stylus (R-1-SS-0.7-L10)

6x M2-Stylus (R-2-SS-1.1-L10)

2x M2-Stylus (R-3-SS-1.5-L10)

2x M2-Stylus (R-4-SS-1.65-L10)

2x M2-Stylus (R-2-SS-1.3-L20)

1x M2-Stylus (R-3-SS-1.5-L20)

1x M2-Stylus (R-4-SS-2-L20)

1x M2-Stylus (R-1-TC-0.7-L20)

2x M2-Stylus Extension (SS-3-L10)

1x M2-Stylus Extension (SS-3-L20)

1x M2-Styli Holder 5-way (SS-L7.5)

1x M2-Star Stylus 5-way (R-2-SS-1.4-SP18/30)

1x M3/M2-Stylus Adapter (SS-L5)

1x M2-Stylus Knuckle (SS-L8)

2x M2/M3-Mounting Pin

1x Hexagon Socket Wrench AF1.5 mm

Quantity	Part Number	Description
1	03969011	**Probe Qualification Sphere, Steel (M8)**

Quantity	Part Number	Description
1	ROY-CAD-DCC	**PC-DMIS CAD**

PC-DMIS CAD

PC-DMIS CAD lets customers create inspection programs and evaluate measurement results taking full advantage of their CAD models. The software provides the tools needed to work with CAD files ranging from simple 2D drawings through complex 3D solid models. The PC-DMIS CAD allows the import and export of CAD data in the following formats: IGES/STEP/ DXF/ DWG/STL/VDAFS/XYZIJK/DMIS/DES. Auto Utilities™ include vector point, circle, cone, cylinder, sphere, line and plane.

1-year Software Maintenance Agreement included. The Software Maintenance Agreement includes:

- Software Upgrades to streamline your inspection process
- Unlimited Access to our 24x7 Knowledgebase and Support system
- Technical Support by phone, toll-free
- Remote Assistance to any CMM with internet access
- Customer Relations Representative assigned to you and your company

Introducing the latest version of PC-DMIS.

Quantity	Part Number	Description
1	ROY-SHEETMTL	**PC-DMIS Sheet Metal**

| 1 | ROY-IP-MEAS | **PC-DMIS Autopath Module** |

PC-DMIS Autopath is an exciting new measurement software technology that automatically optimizes feature measurement and probe path creation.

| 1 | CLASS-CMM-PC-DMIS-L1 | **Classroom Training - CMM PC-DMIS Level 1 (5 Days)** |

This 5-day instructor-led classroom course, held at a Hexagon MI Precision Center, will give first time users of PC-DMIS a basic understanding of the software and measurements necessary to write and execute inspection plans. The course curriculum includes probe calibration, alignments, measurements, dimensioning, manual and DCC modes and using CAD models. Each seat represents 1 student for 5 days at Hexagon Manufacturing Intelligence. Training credits expire 12 months after installation. Not to exceed 18 months from ship date.

Quantity	Part Number	Description
1	CLASS-CMM-PC-DMIS-L2	**Classroom Training - CMM PC-DMIS Level 2 (3 Days)** This 3-day instructor-led classroom course, held at a Hexagon MI Precision Center extends the training from the Level 1 courses to include advanced alignments, CAD usage, program control and dimensioning. Students will learn autocalibration and how to include logic commands in their PC-DMIS programs. This course also covers importing several CAD parts into PC-DMIS including the part to be measured, fixtures, and the CMM model. Each seat represents 1 student for 3 days at Hexagon Manufacturing Intelligence. Training credits expire 12 months after installation. Not to exceed 18 months from ship date.
1	H011331	**Touchscreen, ELO 1502L 15" LED**

1	H00011306	**Computer, Lenovo P520, WIN10-IOT-ENT-LTSB**
		
		Lenovo ThinkStation P520 or current model
		PROCESSOR: Intel Xeon W-2123 Processor
		        (8.25MB Cache, 3.60GHz)
		RAM: 16GB DDR4 2666MHz ECC RDIMM
		HD1: 256GB Solid State Drive, M.2, PCIe, Opal.
		HD2: 1TB Hard Drive, 7200RPM, 3.5", SATA3
		GRAPHICS: Nvidia Quadro P620 2GB (miniDPx4)
		MOUSE:Lenovo USB Mouse
		OS: Windows 10 IoT Enterprise 2016 – LTSB
		LAN:1 Gb Ethernet Adapter Plus
		    1 Dual-port Gb Ethernet Adapter (PCIe)
		PORTS:1 Serial Ports