

Proposal No: VMM-HH-250619R

Model : Optiv Classic 332

June 19, 2025





ATTACHMENT TO
QUOTATION NO: **VMM-HH-250619R**

“HEXAGON” Optiv Classic 3.2.2 (Packages System consist of)

1. Working Range

X: 300 mm Y: 200 mm Z: 200 mm

2. Resolution

0.0004 mm Linear Scale in X,Y,Z Axis

3. Max.Weight Workpeice: 16 kg

4. CNC Function

5. Vision sensor

High resolution camera

6. Illumination System

4 quadrant LED ring light

Green LED back light

Coxial light

7. Accuracy of optical measurement (Temperature = 18-22 °C)

$$E_{xy} = 2.8 + L/150 \text{ (}\mu\text{m)}$$

$$E_z = 5.0 + L/150 \text{ (}\mu\text{m)}$$

8. Touch Trigger Probe

Renishaw PH6 Fixed Probe Head



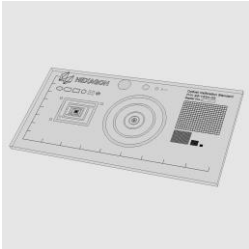

Renishaw TP20 Probe Sensor


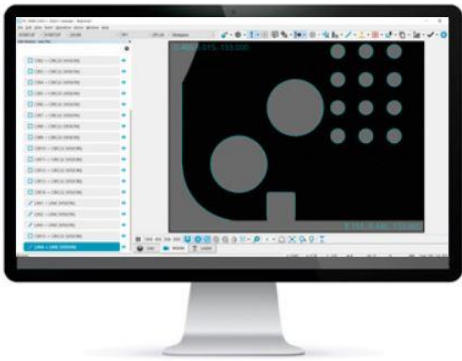



M2 Stylus Kit#7 and options

9. Max. traversing speed:

X,Y = 165 mm/s; Z = 60 mm/s

Product Description

No.	Description	Picture
1	<p>Optiv Classic</p> <p>The OPTIV Classic 3.2.2 / 4.3.2 combine optical and tactile measurement in one system (optional touch-trigger probe). The system supports multisensor measurements using the vision sensor (CMOS colour camera, motorised CNC zoom) and the touch-trigger probe HP-TM. The OPTIV Classic 3.2.2 / 4.3.2 provide easy pallet station integration with good accessibility to the measuring table from all sides. Measurement software is PC-DMIS.</p>	
2	<p>VISION SYSTEM</p> <p>High resolution camera Auto-focus CNC Zoom</p>	
3	<p>Hexagon Calibration Chart</p>	
4	<p>Touch Trigger Probe</p> <p>Renishaw PH6</p> <p>The PH6 is a fixed head with a mount for M8 thread probes.</p> <p>Renishaw TP20</p> <p>TP20 is a compact 5-way, or 6-way, kinematic touch-trigger probe system. The two-piece design, comprising probe body and detachable stylus module(s), connected using a highly repeatable magnetic kinematic coupling. This provides the facility to change stylus configurations either manually or automatically without the need for requalification of the stylus tips, thereby giving significant time savings in inspection routines.</p>	

7	M2 STYLUS KIT#7	
8	MEASURING AND EVALUATION SOFTWARE PC-DMIS PRO The quality of your products is best demonstrated with the measuring and evaluation software PC-DMIS Pro. It is specially designed for usage in combination with optical and multisensor measuring systems. The software supports multisensor measurements using the Vision sensor, the touch-trigger probe and laser sensor. It also offers a rich set of programming, analytical and reporting tools.	
9	PC Control Unit (Equivalent or Higher) Dell Precision 3680 Tower Intel Core i7 14700 2*16GB RAM SSD 512G PCIe HDD 2TB NVIDIA T400 4GB DVD RW K & M 500w Ubuntu Linux 22.04 3Yr	
15	Operation Table	
17	Training	3 days on-site
18	WARRANTY 12 MONTHS The warranty period for the machine is 12 months beginning with the successful acceptance test by the service of Hexagon Manufacturing Intelligence	

Machine layout