



VICIVISION PRIMA

The measuring machine dedicated to all turning shops.

The solution accessible to all lathe operators who seek easy control, fast processing and reliable results.

PRIMA Series



OVER 15 YEARS OF EXPERIENCE IN TURNING SHOPS.

All the experience of thousands of VICIVISION customers encapsulated in a machine optimized for turning process control.

ADVANTAGEOUS IN PRODUCTION

The workshop optical measuring machine enhances production efficiency by accelerating processes, monitoring quality, and minimizing waste and machine downtime.

A comprehensive solution that integrates essential measurement tools for daily use, promoting efficiency, versatility, and a quick return on investment.

DESIGNED FOR EVERYDAY USE

The real image of the piece shown by the software, together with the large work area, allows a clear view of the conditions of the part to be measured.

The retractable sensors during loading and unloading free up the work area, allowing more convenient access to the piece.

The clamping lever is ergonomic and features a very wide handle that allows both left-handed and right-handed operators to lock/unlock the piece without blocking the view.

**Static measures:**

Diameter
Length
Angle
Radius
Chamfer

Dynamic measures:

Coaxiality
Runout
Circularity
Cylindricity
Taper

Thread Measurements:

Nominal diameter
Pitch Diameter
Core diameter
Crests angle
Pitch
Roll Dimension

Nut Measurement:

Diameter
Asymmetry
Timing

Profile Measurements (optional):

DXF comparison
DXF export

	Measuring Field	Max. loadable size	Accuracy ⁽¹⁾ Ø - L	Repeatability ⁽²⁾ Ø - L	Size L x W x H mm	Power Supply		
						Voltage	Frequency	Nominal current
306	300 x 60 mm	300 x 120 mm 10 Kg	1,5+D[(mm)/200]] µm 3,5+L[(mm)/200]] µm	0,4 µm / 2 µm	595 x 780 x 950 mm	230 V	50/60 Hz	1,73 A
309	300 x 90 mm	300 x 120 mm 30 Kg			595 x 780 x 950 mm			
314	300 x 140 mm	300 x 240 mm 30 Kg			920 x 1030 x 1800 mm			
606	600 x 60 mm	625 x 120 mm 30 Kg	1,5+D[(mm)/200]] µm 3,5+L[(mm)/200]] µm	0,4 µm / 2 µm	595 x 780 x 1315 mm	230 V	50/60 Hz	1,73 A
609	600 x 90 mm	625 x 120 mm 30 Kg			595 x 780 x 1315 mm			
614	600 x 140 mm	625 x 240 mm 30 Kg			920 x 1030 x 2000 mm			
909	900 x 90 mm	925 x 120 mm 30 Kg	1,5+D[(mm)/200]] µm 3,5+L[(mm)/200]] µm	0,4 µm / 2 µm	595 x 780 x 2000 mm	230 V	50/60 Hz	1,73 A
914	900 x 140 mm	925 x 240 mm 30 Kg			920 x 1030 x 2000 mm			

(1): Maximum permissible error according to EN ISO 10360-7 specifically applied to shafts optical measuring machines, relating to artifacts certified by EN ISO 17025 accredited laboratory (plus, uncertainty of calibration masters U(d): 0.5 µm and U(l): 1 µm), steel made, ground surfaces and standard shape. Environment condition 20+/-0.5°C, max gradient 0.5K/h. Uncertainty estimated considering a coverage range K=2 corresponding to a confidence level of about 95%.

(2): Repeatability calculated over 10 repetitions on ground part surfaces.

