PRIMA RANGE

PRIMA **306**

PRIMA **309**

PRIMA **314**

PRIMA **606**

PRIMA **609**

PRIMA **614**

WHICH PRIMA TO CHOOSE?

PRIMA MODEL	Measuring field	Max. loadable sizes	Accuracy (1) Ø - L	Repeatability (2) Ø - L	Size L x D 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	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
314	300 x 140 mm	300 x 240 mm 30 Kg	1,5+D[(mm)/200)] µm 3,5+L[(mm)/200)] µm	0,4 µm / 2 µm	920 x 1030 x 1800 mm	230 V	50/60 Hz	1,73 A
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	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
614	600 x 140 mm	625 x 240 mm 30 Kg	1,5+D[(mm)/200)] µm 3,5+L[(mm)/200)] µm	0,4 µm / 2 µm	920 x 1030 x 2000 mm	230 V	50/60 Hz	1,73 A

(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 0.5 K/h. Uncertainty estimated considering a coverage range K=2 corresponding to a confidence level of about 95%.

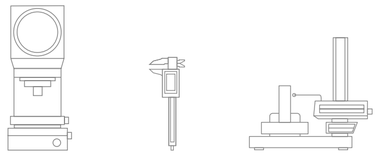
(2): Repeatability calculated over 10 repetitions on ground part surfaces.

VICIVISION measurement system

Measurement takes from 30 to 60 seconds.
No more human error.
Automatic cycle by pressing a button.
Automatic data collection.

Traditional measurement system

Measurement takes from 10 to 30 minutes.
Data is conditioned by human interference.
Difficult to use.
Requires data collection.



Projector | Micrometer | Roundness gauge

DO YOU PRODUCE TURNED PARTS?

HERE IS YOUR PRIMA VICIVISION
The optical measuring machine for all shops.

What is the best way to measure turned parts?
By using a machine that clamps the part just like a lathe would: with centers and a chuck.

Where can I measure my parts?
Right next to the lathe, where it offers an immediate benefit.

Do I need specialized personnel?
Thousands of shops are already using it. The machine will guide you in achieving your final result.

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WHAT CAN PRIMA DO FOR YOU?

REDUCES WASTE
lowering costs
and increasing productivity.

GIVES REPEATABLE MEASUREMENTS
by eliminating human error
and avoiding disruptions.

FAST RESULTS
to save time.

STORES DIGITAL DATA
for the production to use
to keep the process in check.

DETECTABLE MEASURES

Static measures
- diameter
- length
- angle
- radius
- chamfer

Dynamic measures
- coaxiality
- runout
- circularity
- cylindricity
- taper

Threads
- nominal diameter
- pitch diameter
- core diameter
- crests angle
- pitch
- roll dimension

Nut
- diameter
- asymmetry
- timing

Profile measurements (optional)
- DXF comparison
- DXF export

WHY CHOOSE PRIMA?

TO ALLOW YOU TO WORK MORE COMFORTABLY
- Loading point close to the operator:
  lowers the effort on the shoulders.
- No door to open or close:
  use both hands to load.
- Fixed part and moving optics:
  always precise even with heavy parts.

SAVES YOU TIME
- Learning time reduced by 30%
  with Vivian programming assistant.
- New personnel to train?
  Learn whenever and wherever you want
  with the E-learning platform.
- Complex programs?
  We are here to help you with online support.

TO PROVIDE YOU WITH A COMPLETE SOLUTION
- See the real image, simple and intuitive as on a profile projector.
- Program from your office with the free off-line software.
- This all in one solution. Measure the simplest to the most complex features.