



The optical measuring machine for cylindrical parts.

The variety of the range ensures benchmark reliability.

From 40 to 180 mm in diameter, and 300 to 1250 mm in length, the modular range of the Techno series can provide you with the most suitable machine for your production.



Techno Series

High resolution.

Detailed images to capture minute features.

No more compromises.

Given the wide scope of measurement ranges offered, this machine range is designed to adapt to current and future manufacturing demands.

Tested reliability.

Specific expertise and carefully selected components have created a highly efficient range of solutions.

Heavy duty.

The load capacity of the largest machines has increased by up to 60 kg.

The machine improves productivity.

Operators are more independent during inspection and tool offsets can be adjusted before parts become out of tolerance in order to reduce the amount of rejects produced.

Dimensional control directly on the shop floor.

Each part produced by the CNC lathe can be measured within the production environment.

Greater productivity also on smaller batches.

Batch changing is fast and efficient.

One measuring system for multiple CNC lathes.

A single measuring system can operate next to multiple machining centers, involving more than one operator.



Static measurements:

- Diameters
- Lengths
- Angles
- Chamfers
- Radii
- Mean sphere diameters

Geometric measurements:

- Symmetries
- Parallelisms
- Orthogonalities
- Streightness

Thread measurements:

- Nominal diameters
- Core diameters
- Mean diameters
- Crest angles
- Helix angles
- Pitches
- Roll dimensions
- NG diameter dimensions
- LG dimensions

Form measurements:

- Rotation diameters
- Roundness
- Coaxialities
- Axial and radial run-out
- Cylindricities
- Angular timings
- Planes parallelisms
- Tapers
- Dynamic parallelisms

Nut measurements:

- Keys
- Asymmetries
- Angular timings

DXF comparison:

- Distances from profile
- Distances from tolerance
- GD&T

Special application tool:

- Camshafts
- Crankshafts
- Turbine wheels

	Measuring field	Max. loadable sizes	Accuracy Ø - L	Repeatability Ø - L	Size LxDxH mm	Power supply		
						Voltage	Frequency	Nominal power
M304	300x40 mm	315x120 mm - 10Kg			595x780x950 mm			
M306	300x60 mm	315x120 mm - 10Kg			595x780x950 mm			
M309	300x90 mm	315x120 mm - 30Kg	1,5 + D[(mm)/200]] µm 4 + L[(mm)/200]] µm	0,3 µm / 1,2 µm	595x780x950 mm	230 V	50/60 Hz	1,73 A
M314	300x140 mm	315x240 mm - 30Kg			920x1030x1800 mm			
M318	300x180 mm	315x240 mm - 30Kg			920x1030x1800 mm			
M604	600x40 mm	625x120 mm - 30Kg			595x780x1315 mm			
M606	600x60 mm	625x120 mm - 30Kg			595x780x1315 mm			
M609	600x90 mm	625x120 mm - 30Kg	1,5 + D[(mm)/200]] µm 4 + L[(mm)/200]] µm	0,3 µm / 1,2 µm	595x780x1315 mm	230 V	50/60 Hz	1,73 A
M614	600x140 mm	625x240 mm - 30Kg			920x1030x2000 mm			
M618	600x180 mm	625x240 mm - 30Kg			920x1030x2000 mm			
M906	900x60 mm	925x120 mm - 30Kg			595x780x1615 mm			
M909	900x90 mm	925x120 mm - 30Kg			595x780x1615 mm			
M914	900x140 mm	925x240 mm - 60Kg	1,5 + D[(mm)/200]] µm 4 + L[(mm)/200]] µm	0,3 µm / 1,2 µm	920x1030x2000 mm	230 V	50/60 Hz	1,73 A
M918	900x180 mm	925x240 mm - 60Kg			920x1030x2000 mm			
M1209	1250x90 mm	1300x120 mm - 30Kg			595x780x2000 mm			
M1214	1250x140 mm	1300x240 mm - 60Kg	2+D[(mm)/100]] µm 5+L[(mm)/100]] µm	0,4 µm / 3 µm	920x1030x2205 mm	230 V	50/60 Hz	1,73 A
M1218	1250x180 mm	1300x240 mm - 60Kg			920x1030x2205 mm			

