



Optical measuring machine for cylindrical elements and turned parts.

Unbeatable price-performance ratio. Increase production, improve flexibility, reduce rejects.

Designed to measure small components as easily
as large shafts directly on the shop floor.
Turned part measurement solutions providing
rapid return on investment.

M Series



Ideal for turned components

The M series is designed to measure a wide range of mechanical components such as transmission shafts, CV-joints, fittings, nuts and oleodynamic valves.

M1 - compact and ergonomic

The ideal tool to flank multispindle lathes or sliding head lathes. From simple fittings to small shafts measuring up to 300 x 60 mm.

M2 - for medium-sized components

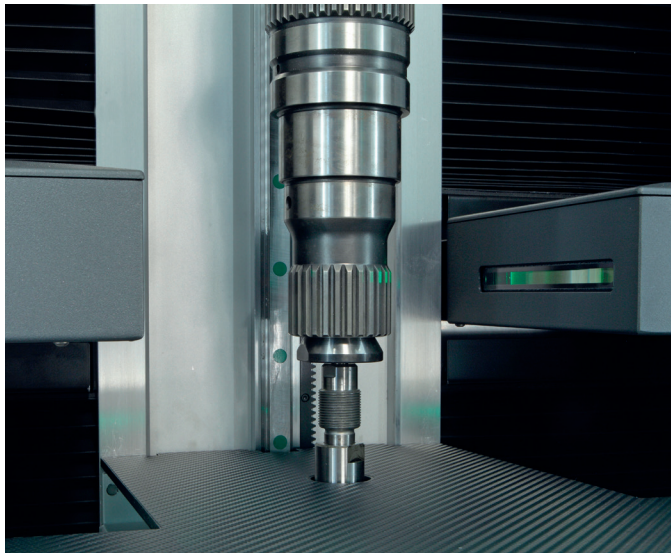
The M2 is a free - standing machine with a wide front opening to facilitate loading and unloading shafts up to 600 x 140 mm.

M3 - for large-sized components

With a loading capacity of up to 240 mm in diameter and 30 kg in weight, the M3 can measure large shafts and turned components up to 900 x 140 mm.



A range of solutions designed to improve production, reduce costs and increase efficiency even on small batches.



Designed for the shop floor.

The live image of the part displayed by the software, combined with the LED illuminated extensive working area, gives a clear vision of the conditions of the component being measured. The retractable sensors enabled during loading and unloading provide reinforcement, with additional one of a kind protective bumpers. The on board step-master and temperature sensors allow direct use in production, and make the machine immune to thermal shocks.

Measuring options:

Diameters, lengths, angles, radii, chamfers. Geometric measurements such as asymmetries, parallelism and straightness. Dynamic measurements such as roundness, coaxialities, run-out, cylindricities and a complete analysis of threads and nuts.

	Measuring field	Max. loadable sizes	Accuracy Ø - L	Repeatability Ø - L	Size LxDxH mm	Power supply					
						Voltage	Frequency	Nominal power			
M1	300x60 mm	315x120 mm - 10Kg	2 + D[(mm)/100]] µm 5 + L[(mm)/100]] µm	0,4 µm / 3 µm	595x780x950 mm	230 V	50/60 Hz	1,73 A			
M2	600x140 mm	625x240 mm - 30Kg			920x1030x2000 mm						
M3	900x140 mm	925x240 mm - 30Kg									

