The measuring machine for manufacturers of both small turned parts and larger components

Discover a single inspection solution for applications from dental implantology and surgical tools to precision mechanical parts

Series **X**
MTL X360

High resolution and generous field of view
Very high-resolution images combined with a wide measuring field. Designed to measure the intricate parts of medical components, as well as larger parts and medium-sized shafts.
VICIVISION X360, the only machine on the market that combines a measuring range of 300x60 mm with a resolution comparable to a 400 / 500X projector.

Objective measurements
Operators can check the entire external profile of the part in a few seconds and produce an objective measurement report with no human intervention.
Ideal for manufacturers of prototypes in industries such as the medical sector, where traceability of data and measurements is essential - the machine saves a profile photo for verification of the dimensions even after shipment to the customer.

Attention to design
Large illuminated access areas make loading and unloading even the smallest and most difficult parts quick and easy. The stainless-steel casing protects the optics against dust and facilitates regular cleaning. The low rotation resistance of the upper tailstock means it can be used even with very small parts.

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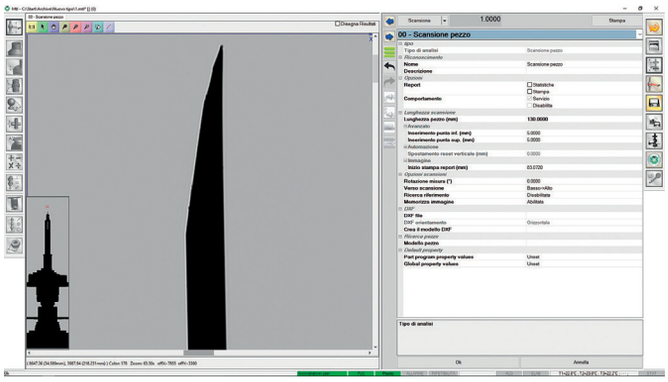
A single measuring tool for every need



Data collection
As required by industry 4.0, all the data collected is saved by the system for compliance and traceability purposes, to view measurement reports and monitor production trends.

Flexibility in software with dedicated functionalities
Thanks to the software developed entirely by VICIVISION, the measuring machines capture live images of the part, objectively obtaining a selection of more than 70 geometric measurements and more than 30 shape measurements.
In addition, a part-rotating system measures any shape defects, such as circularity, cylindricity, coaxiality or run-out.

	Measuring field	Max. loadable sizes	Accuracy Ø - L	Repeatability Ø - L	Size LxDxH mm	Power supply		
						Voltage	Frequency	Nominal power
MTL X360	300 x 60 mm	300 x 120 mm - 10Kg	1 + D[(mm)/200)] µm 3 + L[(mm)/200)] µm	0,3 µm / 1,2 µm	595x780x950 mm	230 V	50/60 Hz	1,73 A