OPTICAL MEASURING MACHINES

VICI&C

60
million
in revenue

260
employees
worldwide

06
branches
worldwide

40
specialized
centers

10
patents
filed

100%
renewable
energy

38
average
age

2 partners
Pecchioli research
Gre snc

VICIVISION

SINCE 1977 SPECIALISTS IN INDUSTRIAL AUTOMATION

VICIVISION is a brand of VICI & C. S.p.A., a family-run industrial company with a strong international presence.

Founded with the aim of offering advanced technological solutions, the company began its operations by assembling electronic boards, then specialized, starting in the late 1980s, in the design and construction of automated lines for the automotive sector.

In the following years, the growing demand for optical measurement systems in the industrial field led to a new strategic development: **in 1999, VICIVISION was established**, a brand of optical measuring machines dedicated to the dimensional inspection of shafts and turned components in the industrial sector.

Expansion continued in 2015 with the creation of Metrios, a brand focused on optical measuring machines for quality control in the production processes of plastic components.

Over the years, the company has transformed industrial metrology into a fast, automated process that is directly accessible on the production floor. Today, VICIVISION and METRIOS by VICIVISION represent a global benchmark in optical measurement for turned and plastic components, integrating precision, speed, and intelligent automation.

PRECISION AND SPEED, WITHOUT COMPROMISE

VICIVISION

VICIVISION machines are designed for those who produce cylindrical and rotational components and require speed, precision

and continuous control.

FAST AND EASY

Measure turned parts in just a few seconds

with a single click.

RELIABLE
Goodbye human errors: results are always repeatable.

VERSATILE AND COMPLETE
All dimensional inspections in a single machine.

DIRECTLY ON THE PRODUCTION FLOOR
100% guaranteed quality without leaving the workshop.

REDUCED DOWNTIME, SCRAP, AND WASTE

With VICIVISION, measuring in the workshop becomes easy and reliable. Every machine delivers fast results with exceptional accuracy, integrating directly into the production cycle.

"VICIVISION represented a turning point for our entire company, and therefore for all our staff. Its versatility is such that it allows operators at Bavieri to independently check, at any moment during production, the performance of the machine. Measuring the part and its diameter guarantees tolerances below one hundredth of a millimeter. We can also continuously check roundness, cylindricity, and coaxiality of all turned components. Vici performs all these operations in just 34 seconds."
Bavieri Alfeo s.r.l. – Italy

"Today, five VICIVISION systems directly support our production. We operate various cold forming, threading, rolling, and machining machines, and we have reduced measurement times to just 30 to 50 seconds depending on the type of part. Thanks to the dimensional inspections carried out with VICIVISION, we guarantee complete traceability of the process, from the first to the last component."
Panelfisa - Toulouse, Spain

QUALITY CONTROL SIMPLIFIED

AUTOMATIC MEASUREMENT.
IMMEDIATE RESULTS.
ZERO ERRORS.
FORGET MANUAL INSTRUMENTS AND COMPLEX TRAINING.

metrios
by VICIVISION

METRIOS is designed for those who produce prismatic components, thin parts, micro-components, molded parts, surface components, and mixed batches with high turnover.

FAST & EASY
Capture even complex measurements in just a few seconds.

ROBUST & RELIABLE
Steel construction, specifically designed for use in any production environment.

MULTI-PART MEASUREMENT IN AN INSTANT
Measure dozens of components of different sizes simultaneously.

USER-FRIENDLY INTERFACE
Equipped with an intuitive touchscreen interface, Metrios is designed to be easy to use for operators of any skill level while delivering powerful measurement capabilities.

DIRECTLY ON THE SHOP FLOOR
Guarantee 100% quality control without leaving the production line.

"Now I measure seven parts simultaneously. I know that the quick response times have simplified the programming and rapid setup with which Metrios operates. It is very intuitive to use thanks to its profile viewer: just tap the measurement to perform it. Simply position the part on the Metrios table and start the inspection. Our work has become faster and more efficient, whereas inspections that would have been much more complex with other instruments now provide immediate results.
To inspect the internal features of the components we produce, we can view the drawings directly on the touchscreen. Finding the controls on the screen has also become intuitive."
Gai Giacomo S.r.l. - Italy

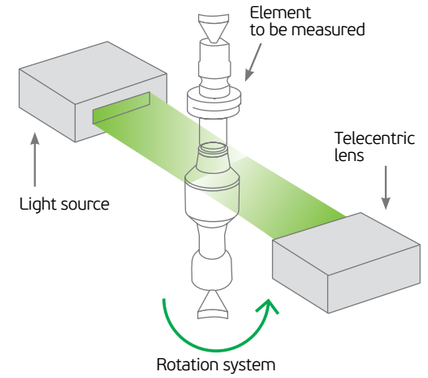
WHY CHOOSE VICIVISION

IMMEDIATE AND PRECISE MEASUREMENTS, DIRECTLY ON THE PRODUCTION FLOOR.

FAST, ACCURATE, RELIABLE

Using manual instruments, quality control can easily become an operation prone to errors. VICIVISION MTL machines embody the experience of thousands of customers worldwide.

A single instrument combines the functions of profile projectors, micrometers, and limit gauges, eliminating human error during measurement acquisition and enabling the management of the collected data.



STATIC MEASUREMENTS
- diameter
- length
- angle
- radius
- chamfer

DYNAMIC MEASUREMENTS
- coaxiality
- run-out
- circularity
- cylindricity
- conicity

THREAD MEASUREMENTS
- nominal diameter
- pitch diameter
- minor diameter
- flank angle
- pitch
- thread height

NUT MEASUREMENTS
- wrench size
- asymmetry
- keying

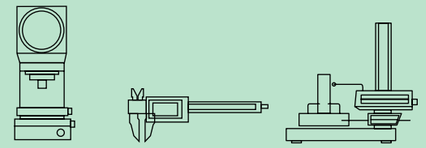
PROFILE MEASUREMENTS
- comparison with DXF
- DXF export

CONTACT MEASUREMENT
- total axial run-out
- undercuts
- keyways: depth, width, length

THREAD MEASUREMENTS
- cams
- eccentrics
- turbines

Traditional measurement system

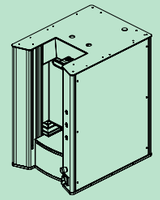
- 10 to 30 minutes of measurement time.
- Data dependent on human intervention.
- Difficult to use.
- Need for data collection.



PROFILE PROJECTOR | HAND TOOLS | ROUNDNESS TESTER

VICIVISION measurement system

- 30 to 60 seconds of measurement time.
- Eliminates operator error.
- One-button automatic cycle.
- Automatic data collection.



APPLICATIONS

AUTOMOTIVE

Components for internal combustion and electric motors such as transmission shafts, pistons, camshafts, crankshafts, valves, turbines, etc., and other industry components.

TYPICAL CHALLENGE

The need to measure production parts quickly and accurately in large volumes, ensuring 100% compliance and reducing scrap in automated production lines.

SOLUTION

VICIVISION solves the problem by performing complete inspections in just a few seconds directly in-line, eliminating human errors even on complex components without dedicated instruments or software.

AEROSPACE

Fuel tubes, actuator components, and precision turned parts.

TYPICAL CHALLENGE

Ensuring traceability and absolute quality on critical parts with tight dimensional tolerances, complying with aerospace standards, and measuring large components.

SOLUTION

VICIVISION provides high-precision optical measurements on every part, accelerating process control by tracing every measurement detail on components up to 250 mm in diameter and 2000 mm in height.

MEDICAL AND DENTAL

Orthopedic implants (bone screws, prosthetic components, etc.), dental implants (abutments, screws, etc.), and medical devices (syringes, needles, containers, files, etc.).

TYPICAL CHALLENGE

Ensuring dimensional precision on micro-components with small and complex details to guarantee regulatory compliance.

SOLUTION

VICIVISION optical measurement enables the verification of micro-geometries (threads, radii, hexagons) without contact and in a repeatable manner, essential in the medical sector where errors are unacceptable. In addition, software specifically developed for industry ensures the traceability of every requirement related to stringent regulations.

HYDRAULICS, FLUID POWER AND PNEUMATICS

Fittings, valves, pistons, eccentric shafts, nozzles, etc.

TYPICAL CHALLENGE

Ensuring the performance of components that, if out of tolerance, could cause pressure losses or malfunctions.

SOLUTION

VICIVISION enables automatic inspection of these parts directly on the shop floor, ensuring dimensional quality and immediately identifying defective parts before assembly.

PRECISION MECHANICS AND WATCHMAKING

Miniaturized shafts, pins, dowels, and turned micromechanical components.

TYPICAL CHALLENGE

Measuring micro-sized parts with extremely tight tolerances without deforming them.

SOLUTION

VICIVISION, with high-resolution telecentric optics, enables the measurement of diameters and shapes of micro-components with high accuracy and without contact, supporting the quality requirements of the industry.

ROBOTICS AND AUTOMATION

Motion transmission components (linear actuators, ball screws, etc.), electric motor parts, cams, precision pins and dowels, etc.

TYPICAL CHALLENGE

Loss of geometric precision such as roundness errors, concentricity issues, and runout.

SOLUTION

VICIVISION optical measuring machines automatically inspect roundness, concentricity, and runout of cylindrical components directly in production. Fast, non-contact measurement allows deviations to be identified immediately, and the process is corrected before out-of-tolerance parts are produced.

SIMPLE, PRECISE, ACCESSIBLE

THE FIRST STEP INTO THE WORLD OF PRECISION OPTICAL MEASUREMENT.

PRIMA/SERIES

From 60 to 140 mm in diameter, from 300 to 900 mm in length.

ADVANTAGEOUS ON THE SHOP FLOOR

An optical shopfloor measuring system that boosts productivity, speeds up inspections, and reduces scrap and machine downtime.
It combines 90% of the most used measuring instruments into a single solution, delivering a fast return on investment.

DESIGNED FOR EVERYDAY USE

The real image of the piece and the large working area provide a clear and immediate view.
The retractable sensors keep the space clear during loading and unloading, while the ergonomic lever with a wide grip allows both left- and right-handed operators to clamp or release the part without obstructing the view.

306 PRIMA

614 PRIMA

QUALITY WITHOUT COMPROMISE

TOP-LEVEL PERFORMANCE COMBINED IN A MODULAR RANGE.

TECHNO/SERIES

From 40 to 180 mm in diameter, from 300 to 2000 mm in length.

IMPROVES PRODUCTIVITY

Enables operators to perform inspections independently and allows tools to be adjusted before they go out of tolerance, reducing scrap.

DIRECT INSPECTION ON THE SHOP FLOOR

Each part can be measured in just a few seconds, even in small batches, thanks to rapid format changeover and immediate setup.

VERSATILE AND POWERFUL

A single machine can serve multiple workstations while maintaining objective measurements.
Very high-resolution images and a load capacity of up to 200 kg make it possible to handle even large-sized parts.

M304 TECHNO

M1218 TECHNO

LARGE DIAMETERS

HIGH PERFORMANCE FOR MEASURING PARTICULARLY LARGE AND HEAVY PARTS.

TECHNO/SERIES

Up to 250 mm in diameter and 600 mm in height.

The M625 TECHNO is designed for the dimensional inspection of components up to 600 mm in height, 250 mm in diameter, and weighing up to 200 kg, ensuring reliable performance even on particularly demanding parts.
The high-precision optical configuration guarantees stable and repeatable measurements, while the reinforced mechanical structure allows operations to be carried out with complete safety, even on massive components.
Designed for those who require high precision on components with significant dimensions and weight, the M625 TECHNO represents a modern and robust solution, ideal for ensuring consistent quality in industrial applications that demand the highest level of reliability.

M625 TECHNO

X/SERIES

From 8 to 60 mm in diameter, from 100 to 300 mm in length.

IDEAL FOR MICRO-COMPONENTS

The X Series is designed for the measurement of dental implants, biomedical components, watchmaking parts, eyewear components, and micromechanical parts. Its ultra-high resolution makes it possible to detect even the smallest details, delivering precision that is unmatched in the industry.

DESIGNED FOR MAXIMUM PRACTICALITY

Direct access simplifies the loading and unloading of even the most delicate parts.
The stationary-part configuration with moving optics prevents vibrations and accidental drops, while the enclosed design avoids the loss of micro-components.

X5

X360

FLOW/SERIES

From dental and biomedical micro-components to micromechanical parts.

PATENTED SOLUTIONS
A patented, automatic, and efficient solution designed to deliver the highest level of precision in the inspection of dental implants, biomedical components, watchmaking parts, eyewear components, and micromechanical parts. Perfect for those who demand high quality standards without compromising productivity.

INTELLIGENT AUTOMATION, CONTINUOUS CONTROL
Integration with automatic loading and unloading systems transforms the measurement of micro-components into a continuous, uninterrupted process.
Automatic part selection and scrap management ensure consistent production flows, minimizing operator intervention and maximizing the overall efficiency of the production line.

X5 FLOW

DEDICATED AUTOMATED SOLUTIONS FOR VALVES

COMPLETE AND AUTOMATIC
INSPECTION OF VALVES FOR
INTERNAL COMBUSTION ENGINES (ICE).

AUTOMATION/SERIES

The synergy between automation and optical measurement technology.

PP6

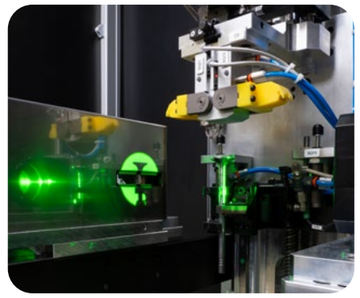
PICK & PLACE MACHINE
FOR VALVE MEASUREMENT

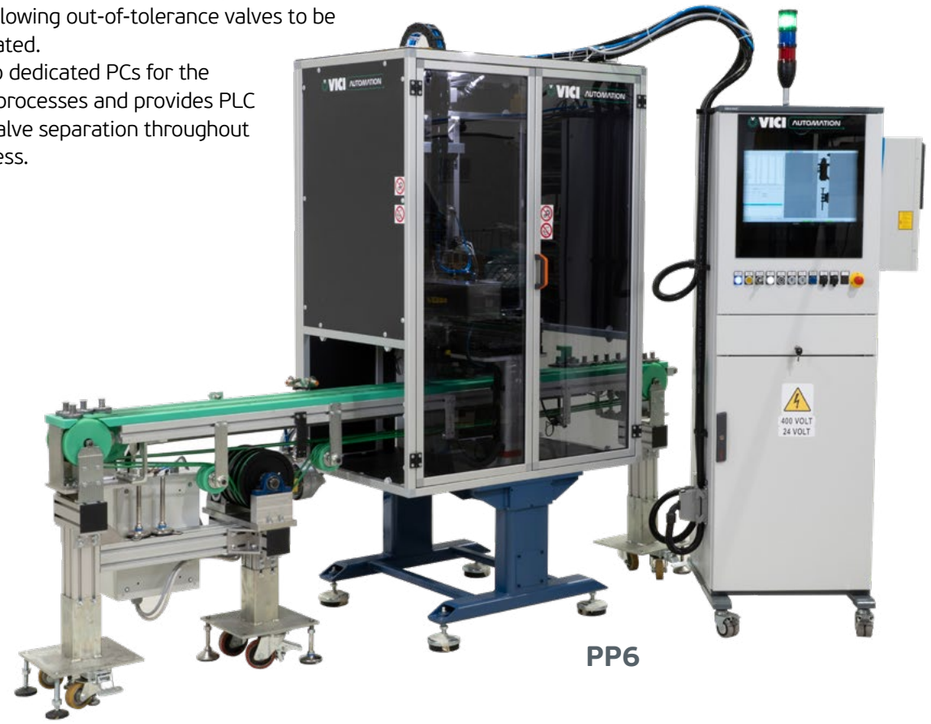
PP6 is a compact and high-speed machine for the static measurement of ICE valve profiles, already adopted in various production lines. It operates in both directions and is equipped with a pick-up/off-load station for the automatic transfer of valves. With simple configuration, it handles both passenger car and truck valves and sends PLC signals for the ejection and separation of out-of-tolerance valves.

MVI

MACHINE FOR VALVE SURFACE
AND DIMENSIONAL INSPECTION

MVI is a compact and fast machine that performs static measurements on ICE valve profiles while also inspecting their surfaces and is already used in various production lines. It is available in multiple configurations, with different operating directions, with or without dimensional inspection, and with or without pick-up/off-load functionality. It can be adapted for both passenger car and truck valves in the MVI 850Evo and 450T versions.
The machine includes six inspection stations, each with its own reject line, allowing out-of-tolerance valves to be automatically separated.
The system uses two dedicated PCs for the different inspection processes and provides PLC signals to manage valve separation throughout the production process.





PP6

EVEN MORE COMPLETE

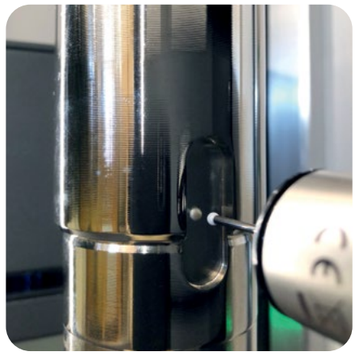
VICIVISION MEASURING MACHINES FROM THE TECHNO SERIES CAN BE EQUIPPED WITH ADDITIONAL SENSORS THAT MAKE IT POSSIBLE TO DETECT DETAILS NOT ACCESSIBLE THROUGH OPTICAL MEASUREMENT ALONE.

The VICIVISION experience combines the speed of optical measurement with the capabilities offered by the touch probe and the confocal sensor.

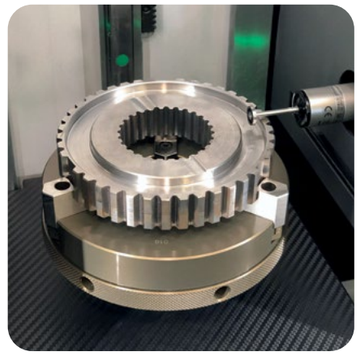
Touch Probe

The touch probe for contact measurement offers more measurement possibilities for shafts and turned parts within the same measurement cycle, saving time directly on the shop floor.

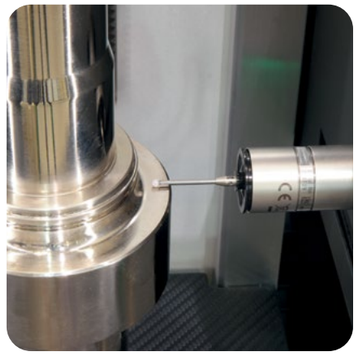
With a single machine, in addition to all the measurements already detected by the optical system, it is possible to measure undercuts, total axial run-out, and keyways.



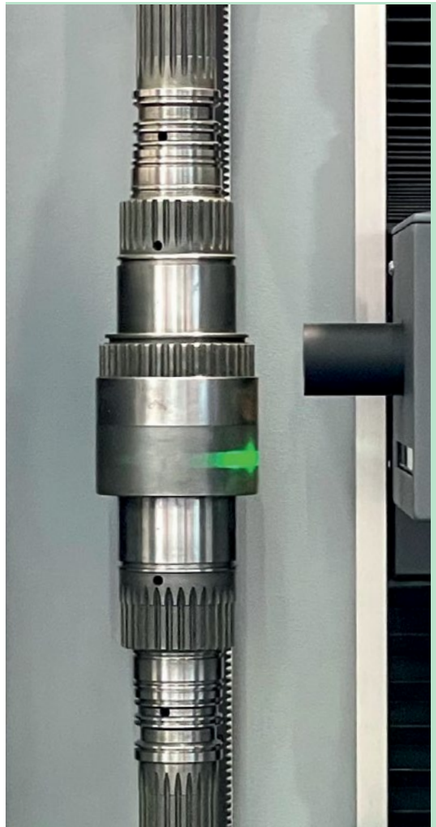
KEYWAYS
Measure keyways directly in the machine without having to remove the part.



UNDERCUTS
Many dimensions originate on portions of the part that are not visible with optics.
Detect these points with the touch probe on the same instrument.

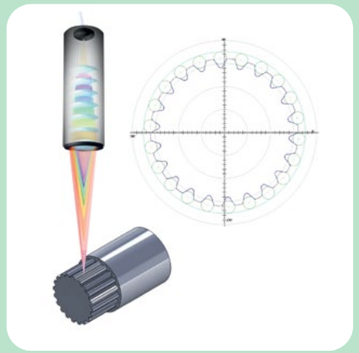


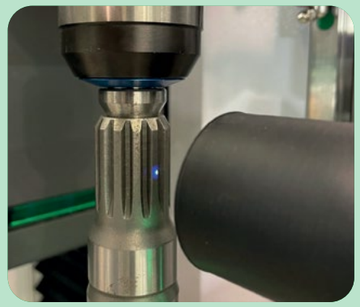
TOTAL AXIAL RUN-OUT
Measure total axial run-out using the correct method for the best possible results.



Confocal

The confocal function makes it possible to verify the conformity of splined shafts with extreme speed. By reconstructing the entire profile, it is possible to detect the internal diameter, the run-out thread height, and the run-out pitch diameter, which are typical dimensions of these components.





SPLINED SHAFTS
Verify the conformity of a splined shaft in just a few seconds using the confocal option.

DREAM, THE VICIVISION SOFTWARE

REDUCE TRAINING TIME
IN PROGRAMMING

Simplified graphical interface

Forget the manual, simplify the steps, and speed up programming.

Multitrend: the entire production process at a glance

Keep track of the drift of multiple measurements simultaneously and in real time. Take timely action with tool correction to eliminate scrap parts.

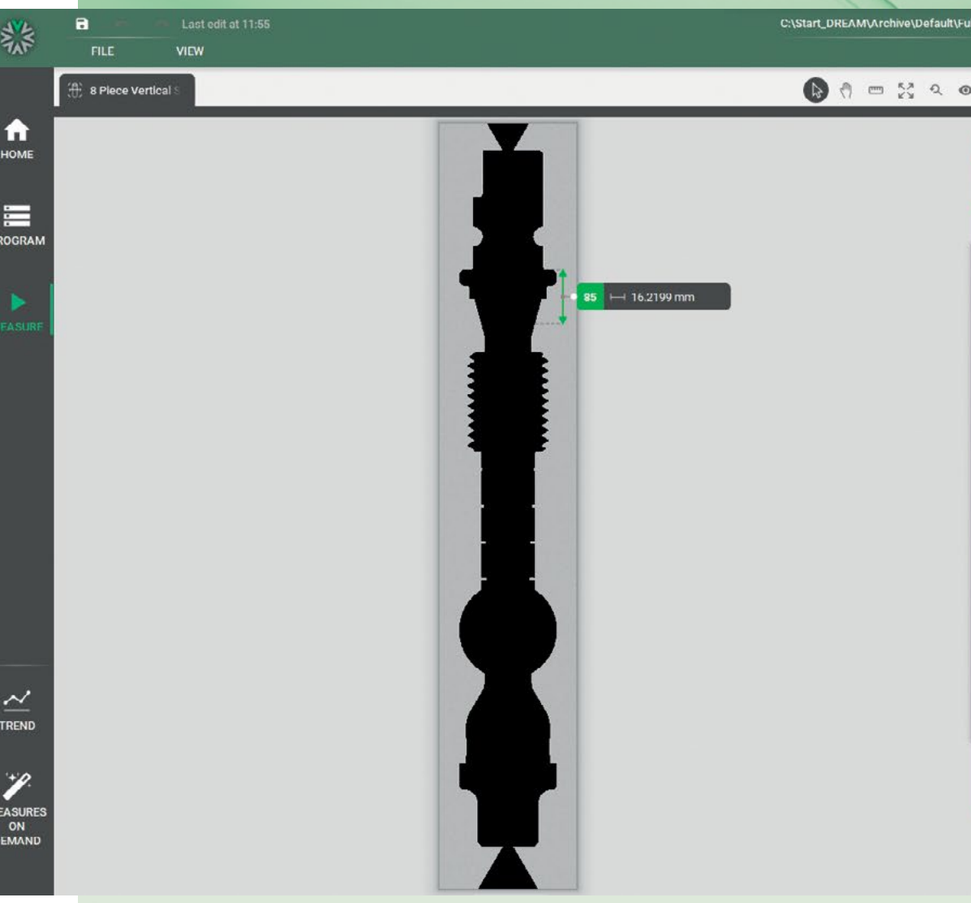
Let VIVIAN guide you

VIVIAN is the virtual assistant developed by VICIVISION to guide operators in a simple, clear, and immediate way.

Thanks to advanced Retrieval Augmented Generation technology, VIVIAN interprets user requests and provides instructions based directly on the official documentation, transforming even the most complex operations into an intuitive process accessible to everyone.

Designed to operate without an internet connection and with minimal computational resources, VIVIAN provides continuous support for system use, helps resolve minor operational issues, and drastically reduces personnel training times.

Perfect for those looking to optimize production efficiency, VIVIAN supports operators step by step in configuring measurements, creating programs, and solving minor issues. It is a reliable guide, always available, enabling users to quickly acquire skills and accelerate the learning process.



MEASURING FORM ERRORS ON THE SHOP FLOOR

VICIVISION PERFORMS FORM MEASUREMENTS DIRECTLY IN PRODUCTION ENVIRONMENTS, WHERE SPECIFIC INSTRUMENTS SUCH AS ROUNDNESS TESTERS WOULD BE AFFECTED BY ENVIRONMENTAL CONDITIONS.

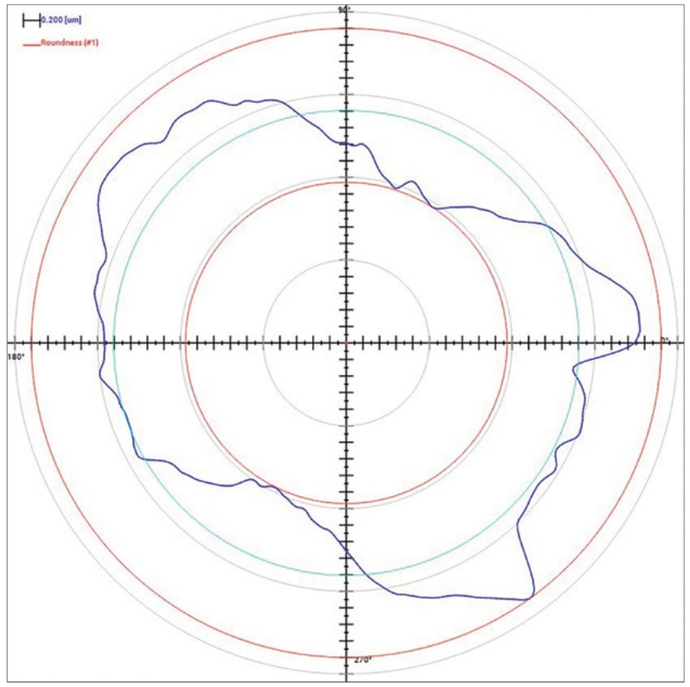
In just a few seconds,
it is possible to perform:

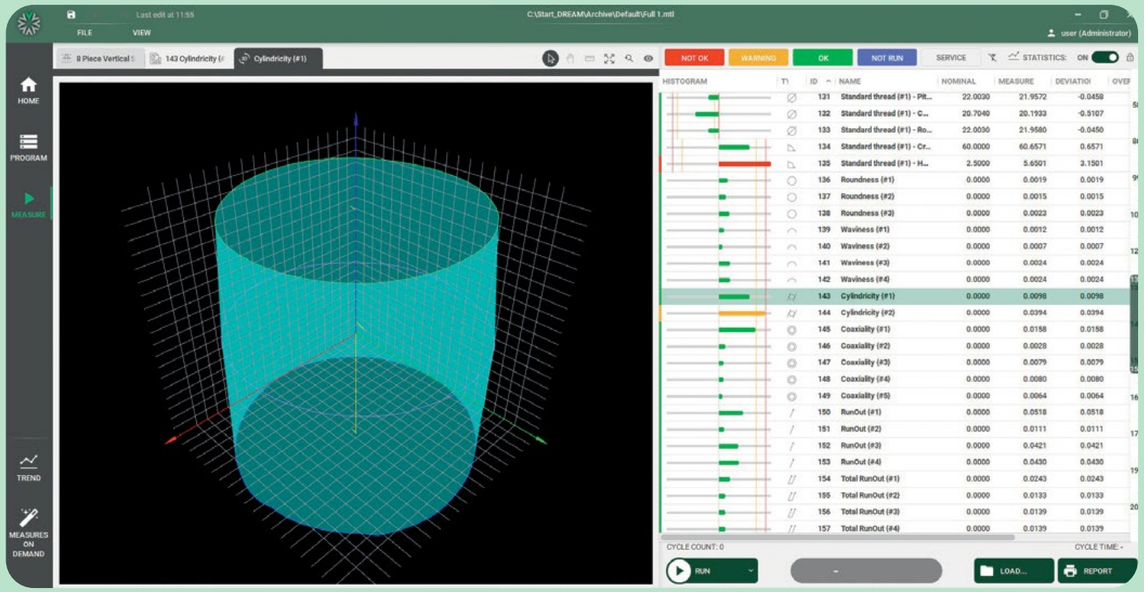
CIRCULARITY

AXIAL AND RADIAL RUN-OUT

COAXIALITY

CYLINDRICITY





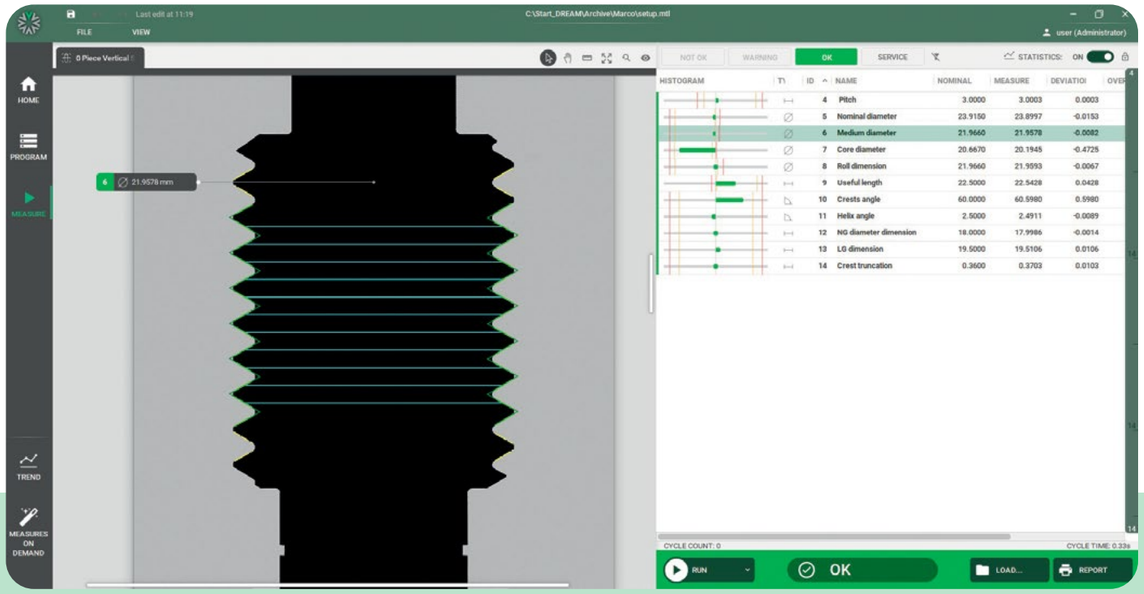
Thanks to multi-rotation and software filtering systems, it is possible to obtain form measurements even on threaded elements such as bolts and pins.

MEASURING THREADS

A DEDICATED TOOL FOR THE MEASUREMENT AND VALIDATION OF THREADS.

All the software tools for thread measurement

With VICIVISION MTL, it is possible to measure different types of threads in just a few seconds. To enable simple and fast programming for standard threads, the machine includes preloaded tables with nominal values and tolerances. Various measurements can be taken on threads, such as pitch, nominal diameter, minor diameter, flank angle, lead angle, and measurement over wires.



Threads produced by cutting or thread rolling?

VICIVISION has developed its thread measurement tools in collaboration with its customers. For each parameter, it is possible to validate either the average value of the entire thread or, alternatively, validate each individual thread crest, highlighting which parts of the thread are within tolerance, which are at the limit, and which are out of tolerance. Validation of the average value is ideal for manufacturers producing threads through chip removal machining. Validation of individual thread crests is recommended for thread rolling processes, where roller wear can result in part of the thread being compliant and another part being out of tolerance.

SPECIAL APPLICATIONS

VICIVISION SOFTWARE INCLUDES DEDICATED TOOLS FOR THE MEASUREMENT OF: CAMSHAFTS, ECCENTRIC SHAFTS, AND TURBINES.

Measuring camshafts

Simply enter a few parameters, such as the cam base radius, the type of follower, and the motion law, to obtain:

- validation of the base radius;
- the maximum cam lift;
- the deviation of the calculated profile from the theoretical profile;
- velocity deviation;
- acceleration deviation;
- run-out of the base profile.

Measuring shafts with eccentrics

Dozens of solutions are available for measuring eccentric journals (pins), including form measurements such as circularity, cylindricity, run-out, and calculation of the eccentricity value.

Measuring turbines

Dedicated functions make it possible to determine the position of the known diameter on the rotating impeller.
Likewise, it is possible to compare the part profile with its corresponding DXF file.

MULTIPLY PRODUCTIVITY

AUTOMATION, TOOL COMPENSATION, INTEGRATION WITH ROBOTIC SYSTEMS, AND INTELLIGENT SOLUTIONS.

Automatic tool parameter compensation

The Tool Wear Compensation function allows production parameters to be corrected, eliminating human error in data transcription.
The software reads CSV files, processes them, calculates compensations, and makes the data available to a PLC through Profinet or Profibus nodes, with the aim of implementing tool wear compensation.
The measurement system automatically collects data and generates a report in PDF format. The data can also be exported and saved in CSV format.

Integration possibilities with robots

VICIVISION measurement systems can be integrated into automated production lines to monitor the entire manufacturing process through robotic part loading and the use of communication protocols such as Profinet, Profibus, Ethernet, and others.

Pneumatic, electric, and smart tailstocks

VICIVISION tailstocks are designed to adapt to different levels of automation and production requirements.
The pneumatic version is ideal for parts with constant height and is simple and fast to use, even manually.
The electric version offers greater flexibility for parts of varying dimensions and can be integrated into robotic cells.
The smart version adds automatic height control and full robot management, ensuring precision, safety, and operational continuity in the most advanced production lines.

EFFICIENCY AND SPEED IN CHANGEOVERS

Every production changeover requires measuring the first parts to set up the machining center correctly. With a VICIVISION machine installed directly on the shop floor, this operation takes just a few minutes, eliminating the need to use the metrology room. The result is time savings of up to one hour and an immediate increase in productivity.

Instant program recall with QR codes

Simply scan a QR code or barcode to instantly load the correct measurement program. This feature also allows additional information, such as the operator's name, machining cycle, and batch number, to be recorded, making every inspection faster, more accurate, and fully traceable.

Flexible fixturing for every application

A wide range of Morse Taper 2 (MT2) accessories allows virtually any workpiece to be clamped quickly and securely. Centers in various sizes, tailstocks, chucks, and automation systems with pneumatic or electric tailstocks enable the machine to be configured for any production requirement, improving operator convenience, inspection speed, and measurement accuracy.

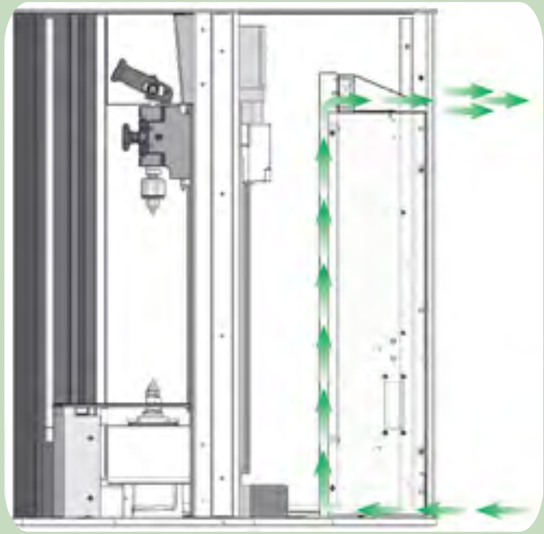
DESIGNED FOR THE PRODUCTION ENVIRONMENT

Automatic contact temperature sensor

The VICIVISION automatic contact temperature sensor enables fast and reliable temperature measurement of any workpiece without interrupting the production process. The sensor measures temperature regardless of the material or size of the component, comparing nominal values with actual measurements to ensure compliance with process specifications.

On-board calibration standard

The integrated step master ensures the correct operation of the instrument under all conditions by automatically compensating for temperature variations.
This allows the machine to be used directly on the shop floor while consistently maintaining maximum measurement accuracy.



Air Flow

The industry-exclusive “Air Flow” forced-air recirculation cooling system ensures even greater stability across the entire system.

Intelligent thermal control

A temperature sensor continuously monitors both the environment and the part, ensuring dimensional stability even during the thermal changes typical of production.

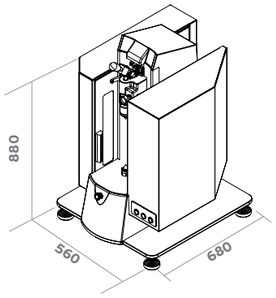
The result is reliable and consistent inspection without the need to move parts to the metrology room.

Simple and precise clamping

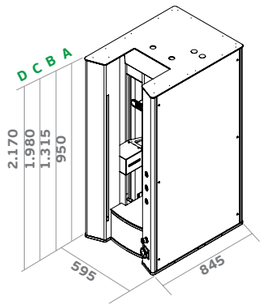
The tailstock slides on prismatic guideways with recirculating ball bearing blocks, ensuring longterm stability and consistent accuracy.
The rack-and-pinion system enables quick and intuitive adjustment, while the interchangeable Morse Taper 2 (MT2) clamping accessories provide maximum versatility for measuring a wide range of workpieces.

SPECIFICATIONS

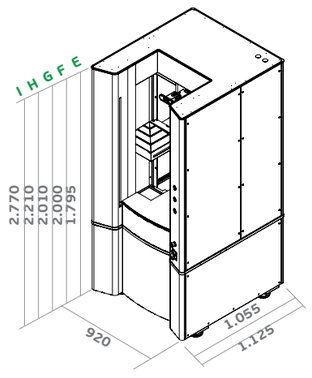
LAYOUT 1



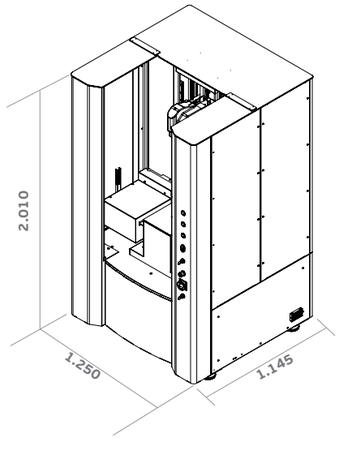
LAYOUT 2



LAYOUT 3



LAYOUT 4



Model	Layout	Measuring field		Max. loadable sizes	Accuracy (1) ø - L	Repeatability(2) ø - L	Size LxDxH	Power supply		
								Voltage	Frequency	Nominal power
MTL X5	LAYOUT 1	100x16 mm		270x90 mm - 3 kg	(1,5+0,01 D[mm]) µm (4+0,01 L[mm]) µm	0,4 µm / 3 µm	560x660x860 mm	230 V	50/60 Hz	1,73 A
MTL X10	LAYOUT 1	100x8 mm		270x90 mm - 3 kg			560x660x860 mm			
MTL X360	LAYOUT 2/A	300x60 mm		300x120 mm - 10 kg	(1+0,02 D[mm]) µm (3+0,02 L[mm]) µm	0,3 µm / 1.2 µm	595x845x950 mm	230 V	50/60 Hz	1,73 A
306 PRIMA	LAYOUT 2/A	300x60 mm		300x120 mm - 10 kg	(1,5+0,02 D[mm]) µm (3,5+0,02 L[mm]) µm	0,4 µm / 3 µm	595x845x950 mm	230 V	50/60 Hz	1,73 A
309 PRIMA	LAYOUT 2/A	300x90 mm		300x120 mm - 30 kg			595x845x950 mm	230 V	50/60 Hz	1,73 A
314 PRIMA	LAYOUT 3/E	300x140 mm		300x240 mm - 30 kg			920x1055x1795 mm	230 V	50/60 Hz	1,73 A
606 PRIMA	LAYOUT 2/B	600x60 mm		625x120 mm - 30 kg			595x845x1315 mm	230 V	50/60 Hz	1,73 A
609 PRIMA	LAYOUT 2/B	600x90 mm		625x120 mm - 30 kg			595x845x1315 mm	230 V	50/60 Hz	1,73 A
614 PRIMA	LAYOUT 3/F	600x140 mm		625x240 mm - 30 kg			920x1055x2000 mm	230 V	50/60 Hz	1,73 A
909 PRIMA	LAYOUT 2/C	900x90 mm		925x120 mm - 30 kg		0,4 µm / 2 µm	595x845x1980 mm	230 V	50/60 Hz	1,73 A
914 PRIMA	LAYOUT 3/F	900x140 mm		925x240 mm - 30 kg			920x1055x2000 mm	230 V	50/60 Hz	1,73 A
M304 TECHNO	LAYOUT 2/A	300x40 mm		300x120 mm - 10 kg	(1+0,02 D[mm]) µm (3+0,02 L[mm]) µm	0,3 µm / 1.2 µm	595x845x950 mm	230 V	50/60 Hz	1,73 A
M306 TECHNO	LAYOUT 2/A	300x60 mm		300x120 mm - 10 kg			595x845x950 mm	230 V	50/60 Hz	1,73 A
M309 TECHNO	LAYOUT 2/A	300x90 mm		300x120 mm - 30 kg			595x845x950 mm	230 V	50/60 Hz	1,73 A
M314 TECHNO	LAYOUT 3/E	300x140 mm		300x240 mm - 30 kg			920x1055x1795 mm	230 V	50/60 Hz	1,73 A
M318 TECHNO	LAYOUT 3/E	300x180 mm		300x240 mm - 30 kg			920x1055x1795 mm	230 V	50/60 Hz	1,73 A
M604 TECHNO	LAYOUT 2/B	600x40 mm		625x120 mm - 30 kg	(1+0,02 D[mm]) µm (3+0,02 L[mm]) µm	0,3 µm / 1.2 µm	595x845x1315 mm	230 V	50/60 Hz	1,73 A
M606 TECHNO	LAYOUT 2/B	600x60 mm		625x120 mm - 30 kg			595x845x1315 mm	230 V	50/60 Hz	1,73 A
M609 TECHNO	LAYOUT 2/B	600x90 mm		625x120 mm - 30 kg			595x845x1315 mm	230 V	50/60 Hz	1,73 A
M614 TECHNO	LAYOUT 3/F	600x140 mm		625x240 mm - 30 kg			920x1055x2000 mm	230 V	50/60 Hz	1,73 A
M618 TECHNO	LAYOUT 3/F	600x180 mm		625x240 mm - 30 kg			920x1055x2000 mm	230 V	50/60 Hz	1,73 A
M625 TECHNO	LAYOUT 4	600x250 mm		600x300 mm - 200 kg	(1,5+0,02 D[mm]) µm (4+0,02 L[mm]) µm	0,8 µm / 2,5 µm	1250x1145x2010 mm	230 V	50/60 Hz	1,73 A
M906 TECHNO	LAYOUT 2/C	900x60 mm		925x120 mm - 30 kg	(1+0,02 D[mm]) µm (3+0,02 L[mm]) µm	0,3 µm / 1.2 µm	595x845x1980 mm	230 V	50/60 Hz	1,73 A
M909 TECHNO	LAYOUT 2/C	900x90 mm		925x120 mm - 30 kg			595x845x1980 mm	230 V	50/60 Hz	1,73 A
M914 TECHNO	LAYOUT 3/F	900x140 mm		925x240 mm - 60 kg			920x1055x2000 mm	230 V	50/60 Hz	1,73 A
M918 TECHNO	LAYOUT 3/F	900x180 mm		925x240 mm - 60 kg			920x1055x2000 mm	230 V	50/60 Hz	1,73 A
M1209 TECHNO	LAYOUT 2/D	1250x90 mm		1300x120 mm - 30 kg	(1,5+0,01 D[mm]) µm (4+0,01 L[mm]) µm	0,4 µm / 3 µm	595x845x2170 mm	230 V	50/60 Hz	1,73 A
M1214 TECHNO	LAYOUT 3/G	1250x140 mm		1300x240 mm - 60 kg			920x1055x2010 mm	230 V	50/60 Hz	1,73 A
M1218 TECHNO	LAYOUT 3/G	1250x180 mm		1300x240 mm - 60 kg			920x1055x2010 mm	230 V	50/60 Hz	1,73 A
M2018 TECHNO	LAYOUT 3/I	2000x180 mm		2000x240 mm - 60 kg			920x1125x2770 mm	230 V	50/60 Hz	1,73 A

(1) Maximum permissible error according to EN ISO 10360-7, specifically applied to optical measuring machines for shafts, referring to artifacts certified by an EN ISO 17025 accredited laboratory (plus calibration master uncertainties U(d): 0.5 µm and U(l): 1 µm), made of steel, with ground surfaces and standard geometry. Environmental conditions: 20 ± 0.5°C, maximum thermal gradient 0.5 K/h. The estimated uncertainty considers a coverage factor K=2, corresponding to a confidence level of approximately 95%.
(2) Repeatability calculated over 10 repetitions on ground surfaces.

Part of
CARFULAN
GROUP

VICIVISION

VICIVISION UK
Faraday House,
Woodyard Lane,
Foston,
Derby,
DE65 5BU

01283 585933
www.vicivision-uk.com
info@vicivision-uk.com