

ITALIAN MACHINE TOOLS, ROBOTICS & AUTOMATION INDUSTRY ~ NEWS

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PIATTAFORMA INDIA PROJECT

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UCIMU-SISTEMI PER PRODURRE



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VICIVISION: FROM AUTOMOTIVE TO MEDICAL

«From automotive to high precision medical device manufacturers, the X-360 with its high-resolution imaging and large field of view, is the perfect solution for any industry.»

Erick Fantini | Sales Director

For over ten years, VICIVISION has specialized in the production of **optical measuring machines** for turned and cylindrical parts across multiple industries.

The use of non-contact metrology solutions **reduces inspection times** while **increasing throughput and yield**.

A VICIVISION optical machine measures the **external profile of cylindrical components** both statically and dynamically in a matter of seconds: from simple diameters, lengths, and threads to more complex form errors.

These unique advantages in technology and capability have returned a strong international response from **dental implant** and **micro-mechanical manufactures**. Because of this, VICIVISION has developed a **specific product line** to address increasing demand.

High resolution images combined with improved ergonomics for **small components** address the demands of dental implant and micro-mechanical manufacturers.

In this rapidly changing environment along with the transformation of global markets, it can be difficult for manufacturers to choose a machine and technology that offers capability and flexibility to see them through the coming years.

Limiting yourself to small components could be a short-lived option.

A machine with a **wide measuring range** is the preferable choice, provided there are no compromises on resolution, accuracy, and the ability to detect the smallest details.



In a world where **"all in one" solutions** are ideal, VICIVISION makes its debut with a **unique product offering**.

Meet the X-360. A crossover combining the ability to **capture the smallest details** while offering a **large field of view**.

The **resolution** used by machines designed to measure **dental implants** is now available in a **larger measurement volume (300 x 60 mm)** typical for precision small parts produced on **swiss screw machines** and **multi-spindle lathes**.

The result is a **unique solution to the market**, which provides dental implant manufacturers with a single instrument capable of measuring **both small and large components**, such as those used in **spinal** and **orthopedic surgery**.

Micro-mechanical manufacturers can also benefit from a resolution capable of measuring very small **radii, bevels, grooves, and threads**, while still having a system capable of larger dimensional measurements (300 x 60 mm).

The unrivalled resolution combined with a large field of view completes VICIVISION's exclusive **"full image" function**. The "full image" function captures **the entire profile of the part loaded** in the machine with maximum resolution, displaying and saving all the measurement data. **Not only is the measurement data** saved but so is **the entire profile** of the part. This function enables the technician to **save the image** of the part so that it can be **inspected at a later date**; Should additional information be requested, measurements can be made by using the profile of the part **without having to get the actual part** remeasured.

READ THE FULL ARTICLE

With no international tradeshow or events being held this year, the launch of the product will take place via webinars and **live demos**. Contact a **local VICIVISION representative** for **remote web demonstrations** on your parts by VICI experts.

VICIVISION

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The project Piattaforma India has been promoted by UCIMU – Association of Italian Machine Tools Manufacturers and AMAPLAST – Italian Plastics and Rubber Processing Machinery and Moulds Manufacturers Association. The two associations agreed on the idea that promoting a network of associations and entrepreneurs who have developed knowledge and experience on the Indian market, can be useful in favoring of new paths of development for business. The Indian companies who are interested to form JV, cooperation, technical tie up, purchase machinery etc from/with Italian companies can contact below mentioned address for any assistance:

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