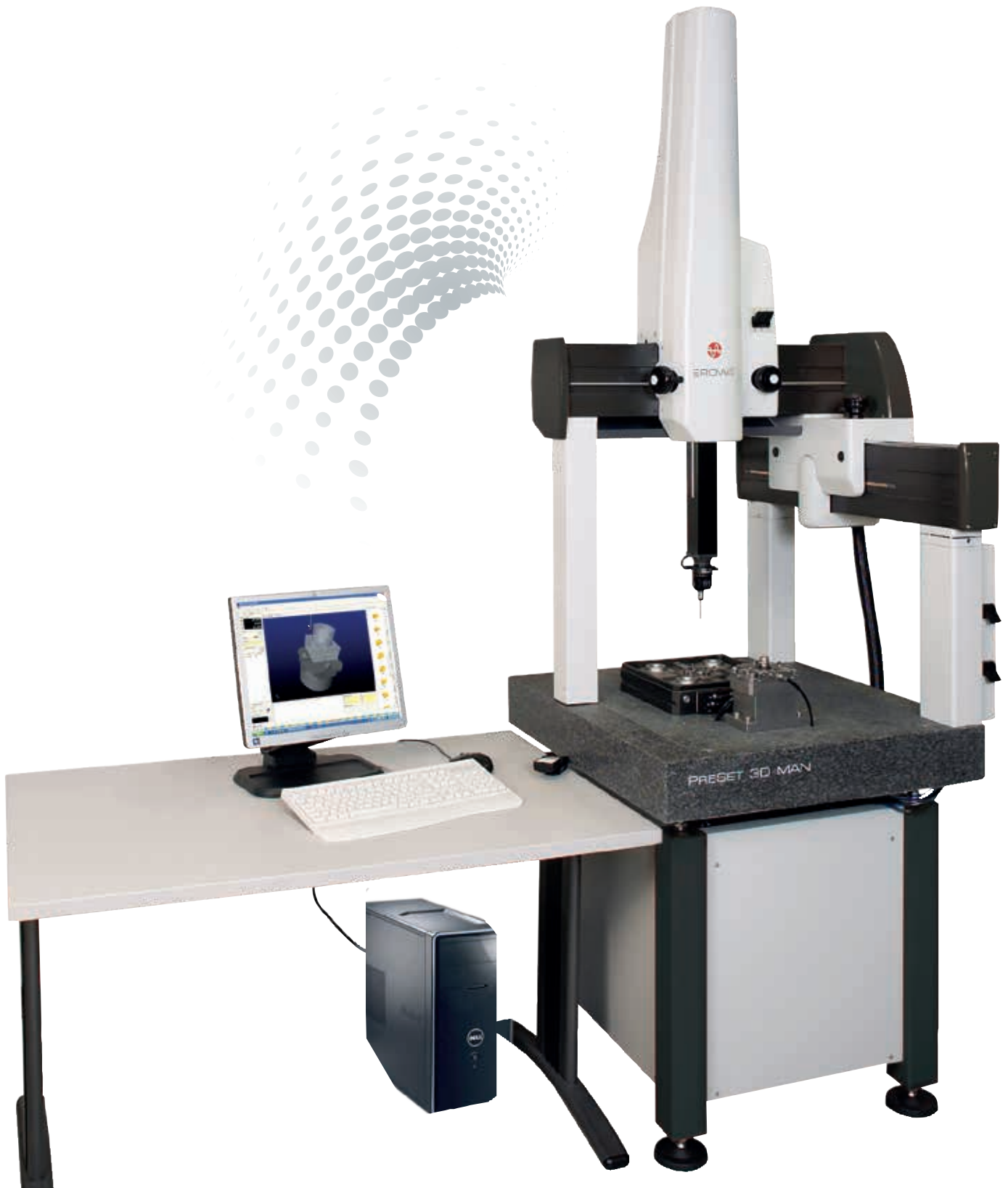




PreSet 3D MAN

Presetting, setting up and measuring



You'll gain 600 more productive hours annually

Setup and preparation in parallel with primary production time is becoming increasingly important.

Throughput times of products need to be continuously reduced.

Only systems that are utilized to full capacity increase the productivity of the company.





Workpieces are mounted two to three times until their machining process is completed. Every conversion takes time. Productive time is lost while the machine is being set up.

CNC machines save you 10 minutes of alignment time per electrode.



Smooth manual operation of the axes.

THE FACTS

The setup and presetting station pays for itself in just 2 years

Production quality improves significantly

Throughput times are shorter

Operators benefit from easy-to-follow operator guidance

Easy and fast presetting

The setup cell is provided with an extremely user-friendly software. Macros are selected visually. The graphical user interface helps the operator carry out the measuring cycles correctly.



THE FACTS

- Over 100 animated PreSet programs
- Integrated hole pattern for mounting of EROWA chucks
- Reliable workpiece recognition with EWISTTM
- Many post processors for the conversion of measured data into machine language are additionally available



01 | Rails

High-precision Renishaw rails with optical probes ensure excellent results.

Renishaw probe systems

For top quality and unmatched flexibility.

02 | Machine structure

Special aluminum casting for best dimensional and temperature stability.

03 | Natural granite

The high-precision worktop made of black granite forms the base of all EROWA tooling systems that can be set up. The mounting holes are prepared.

Software

PreSoft – This graphical tool turns every operator into a setup specialist.

Tooling system operation

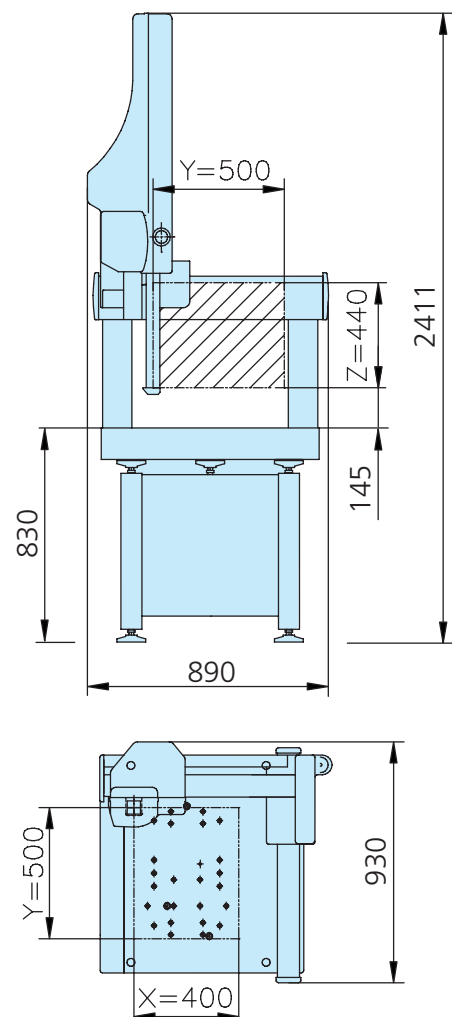
All systems can be opened using simple rocker levers.

Basic equipment can be combined

The measuring machines are equipped with EROWA clamping systems as needed. Some of these clamping systems can be set up as combinations on the same table.



When it comes to thousandths, there are no half-measures. PreSet 3D MAN meets the highest demands. Thanks to its modular principle, the system can be flexibly adapted and extended. We assume system responsibility for the project, from commissioning through training to maintenance. Convenient and competent.



EROWA PreSet 3D MAN

- Measuring station
(worktop with hole pattern for all EROWA tooling systems)
- Pneumatic control system
- PC and color printer (optional)
- Software for presetting
- Renishaw probe (optional)
- Calibration sphere

For more information, please contact your EROWA dealer.

TECHNICAL DETAILS

X-axis travel	400 mm
Y-axis travel	500 mm
Z-axis travel	440 mm
Maximum distance between table and probe holder (without probe)	585 mm
Maximum distance between the columns at table height	590 mm
Usable area of the granite slab (with EROWA hole pattern)	590 x 830 mm
Resolution	0.0005 mm
Measurement uncertainty in the volume (according to ISO 10360/2)	2.5 µm + L/333

Machine dimensions

Dimensions LxWxH	930 x 890 x 2411 mm
Maximum loadable workpiece weight	300 kg
Machine weight (no load)	300 kg

The next step

Important things need to be planned. And your next step is certainly among the important things. It is your start into a new, efficient era. We are pleased to be with you on the way. As consultants, in practice. For you to know at all times what you're engaging in. The next EROWA branch office is not far – **take the step.**



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