

Oxalis el

MOVING BRIDGE MEASURING MACHINE “OXALIS EL”



structure

- Working table in diabase (black granit) with clamping fixture inserts for workpiece
- Sliding axes guides in diabase (black granit)
- Sliding axes through high precision air bearings
- Frame of moving bridge and carriage in steel profile of high rigidity
- Spindle in diabase with pneumatic counter balance adjustable
- Axes motion by hand wheels and pneumatic lock
Fine adjust

Measuring systems

- High precision optical scales – resolution 0,001 mm.

Electronic probe

- “Renishaw” – TPC3 – with n. 1 stylus
Available a large range of accessories
- Calibration sphere

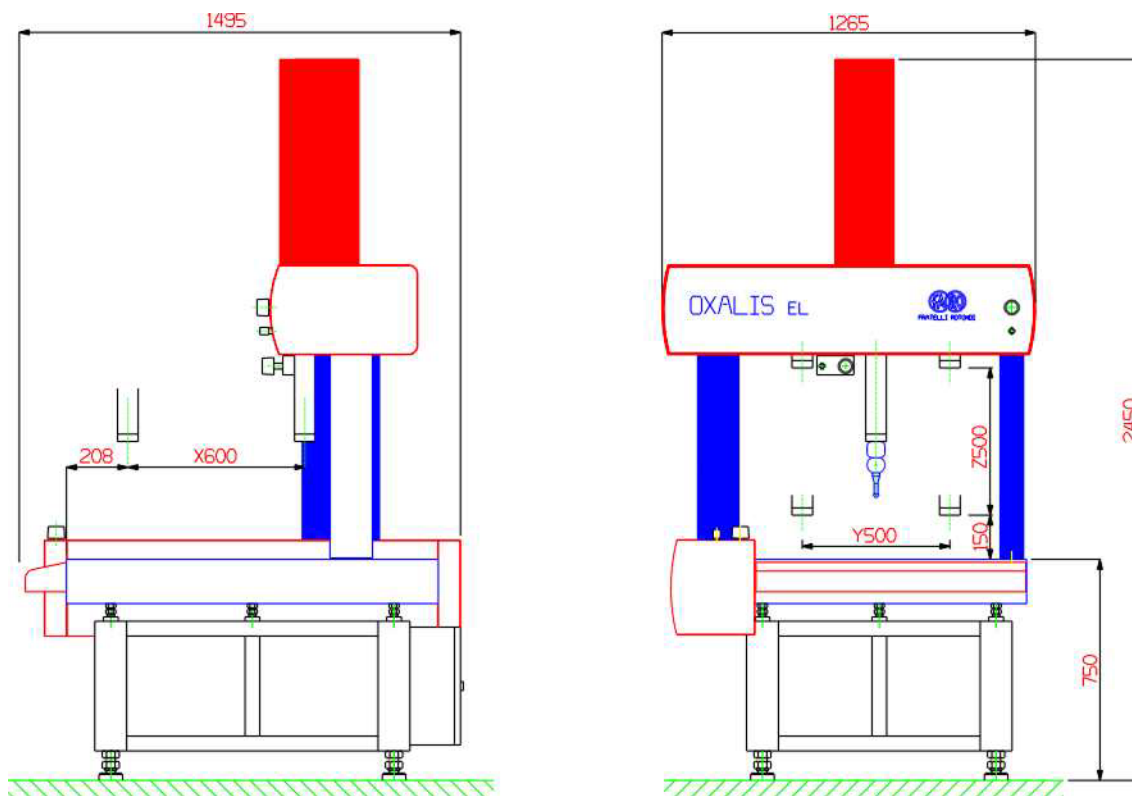
Measuring software – Algorithms tested and

certified according to the highest quality grades by International Metrology Institute – flexibility and modularity - possibility to enhance the performances on demand at a later moment by easily request in real time – continuous updating –

“Metrosoft CM-EL” – with the follow modules:

- CM-BAG (basic module for the measurement and evaluation of geometrically defined workpieces, graphic user interface, easy part inspection programming)
- CM-PROG (module for a professional measurement and evaluation of geometrically defined workpieces, graphic user interface, integrated graphic help functions, optimal user support, expanded part programming)
- CM-ISO (form tolerances and location tolerances according to ISO 1100/ASME Y14.5M)
- CM-CAA2 (compensation of machine errors)

Computer + printer



OXALIS EL	
Measuring range X-Y-Z	600x500x500
Overall dimensions Length-wide -Height	1495x1265x2450
Working table height	750
Air Press. Feeding.	5 bar
Air consumption NL/min	90 NL/min
* Volumetric accuracy: μm L=mm	3+3,5 L/1000
Machine weight Kg	1005
Ammitted loading Kg	550

*according CMMA/ISO 10360/2 specifications



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MEASURING TECHNOLOGY since 1943

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