

# 3D measuring & 2D



## Leica 3D Laser Tracker LTD 709

World's most accurate Absolute Distance Meter

Combined uncertainty of a spatial length 1400mm observed in a dist. of 6.5m  $\leq \pm 0.076\text{mm}$

Metrolog XG for Leica software



## Wenzel RSD 6200 / 3000 / 2100 MAN

Horizontal Arm Measuring Center  
6200mm x 3000mm x 2100mm

Measuring accuracy

$U1 = 40 + (L/30) \leq 200\mu\text{m}$

$U3 = 50 + (L/25) \leq 140\mu\text{m}$

$U3 \text{ duplex} = 80 + (L/20) \leq 200\mu\text{m}$

Metrosoft CM Wenzel software



## Wenzel LH 1512

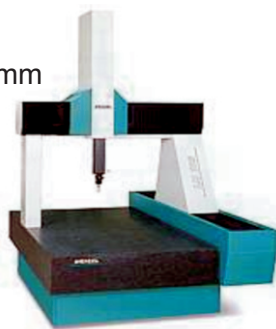
CNC Portal Design Coordinate Measuring Machine.

Working range:

x: 1500mm, y: 2500mm, z: 1200mm

$MPE_e = 2,9 + L/350\mu\text{m}$  [L in mm]

Metrosoft CM Wenzel software



## Wenzel Smart CMM CNC

CNC Coordinates Measurement Machine.

- working range:

x: 500mm

y: 450mm

z: 400mm

-  $MPE_e = 3.5 + L/300\mu\text{m}$  [L in mm]

- Metrosoft CM Wenzel software



## CAD / CAM

We are able to manufacture moulds due to our design and documentation in Catia V5 or according to the design from the customer. Programming for NC machines is created in Catia V5 and EdgeCam software.

## Data transmission formats

Data exchange could be realised by ISDN-Odette, e-mail, or on CD or DVD media. We are able to work with many 2D and 3D data types: \*.igs, \*.step, \*.model, \*.exp, \*.prt, \*.dxf, \*.dwg, etc.



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