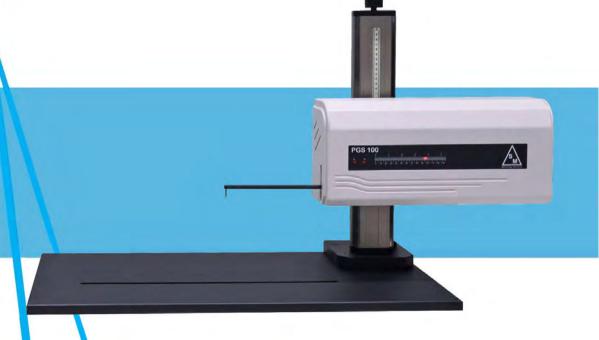




# Profilometer PGS100

The best way to measure



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# ACCESSORIES **24**









#### **3 AXIS POSITIONER**

#### Code: 3.400

Allows loading and unloading operations of the piece and its positioning, since it features 3 axes: translation along X and Y axes and rotation around the Z axis.

# **4 AXIS POSITIONER**

#### Code: 3.401

The positioner features 4 levels of movement: translation along X- Y axes, rotation around the Z axis and tilting around the X axis to tilt pieces (+/-30°).

# VICE

## Code: 3.403

Helps locking the piece and it is ready to be anchored to the 3 or 4-axis positioner. Precision vice made in steel and ground on all sides, jaw length of 60 mm, tightening up to 42 mm.

#### CALIBRATION SPECIMEN

#### Code: 6.300

Specimen used to calibrate the machine, dimensions 45x45 mm and radius 3mm, with certificate.

Chisel (15°;  $r = 20 \mu m$ ) Tip 21 mm - Code 3.300 Tip 31 mm - Code 3.301 Tip 41 mm - Code 3.302



#### **MEASURING ARM**

#### Code: 3.305

Measuring carbon arm, with 32mm chisel tip.



### MINIATURIZED ARM

#### Code: 3.304

Measuring carbon arm, with chisel tip, for small holes (min Ø8mm)



# **ECCENTRIC ARM**

#### Code: 3.308

Measuring carbon arm with extension to 90° x 50mm with 32mm chisel tip.



# Tip 51 mm - Code 3.303

**PROBE** 

Spherical: Ruby Ø1 - h32rnm - Code 3.307 Ruby Ø2 - h32mm - Code 3.309 Ruby Ø1 - h32mm - Code 3.306 Ruby Ø2 - h32mm - Code 3.310





# **TECHNICAL DATA**

Unit system: Millimeters and inches Evaluation length (X): 130 mm (5,12 in) Range of measure (Z): 50 mm (1,97 in)

320 mm (12,6 in) manual positioning Column (Y):

Sampling interval (X):  $0.5 \, \mu m \, (0.02 \, \mu in)$ 

Work surface: Aluminum with "T" cave of 500 mm x 10 mm (20 in x 0,4 in), profoundity 14 mm (0,55 in).

Axis Z resolution: 0,2 μm (0,008 μin) Positioning speed: 0-10 mm/s (0-7 in/s)

Measuring speed: From 0.2 mm/s to 2 mm/s (from 0.008 in/s to 0.08 in/s)

Radius tip: 20 μm (0,8 μin)

**CNC** function: CNC automatic measuring and positioning cycle with auto-comparing function

Connection type: USB interface for connecting to Windows (©) PC

Language: English, French, Italian, German, Spanish, Portuguese and Slovenian

Dimensions (L x D x H): 1030 x 410 x 660 mm (41 x 16 x 26 in)

Total weight: 34 kg (75 lbs)

110-240 V; 50-60 Hz Power supply: Working temperature: 15 - 25°C (59 - 77°F) Software: **Profile Studio Basic**