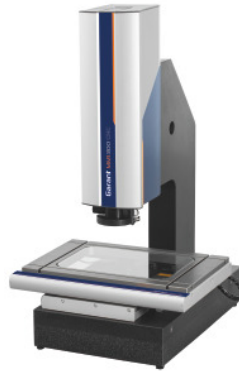


Garant
CNC video measuring microscope MM1, Type: 200CMZ

Order data

| | |
|--------------|---------------|
| Order number | 492550 200CMZ |
| GTIN | 4062406160265 |
| Item class | 41P |

Description
Version:

CNC-controlled video measuring microscope with quicker image processing, high-resolution colour camera, and a multi-touch panel based on a PC, easy to operate, suitable for the workshop environment.

Incident light: 56 white LEDs in 2 concentric rings. 1 ring and 4 segments can each be separately switched and dimmed.

Transillumination: Long-life LEDs, telecentric, can be switched and dimmed. **Solid granite base** with surface-hardened indexing table and high-precision guides.

- **Easy installation and use of measurement programmes.**
- **Practical automation of measuring processes, for example pallet measurements.**
- **Modern user-friendly measurement software for intuitive operation.**

With motorised zoom lens, magnification from 0.3x to 3.5 and coaxial light for uniform illumination of components.

Supplied with:

All-in-One PC, wireless mouse and keyboard, dust cover, power supply unit, test certificate, and multi-lingual user manual.

Optional extras:

Lens No. 491912, software option No. 491913, cutting edge cleaner No. 354788.

Note:

Length measurement variation $E_{UXY, MPE}$ according to DIN EN ISO 10360-7, measured with magnification factor = 0.5.

Permissible ambient conditions: $20\text{ °C} \pm 1\text{ K}$, temperature gradient $\Delta_{th} = 0.5\text{ K/h}$, $\Delta_{td} = 4.0\text{ K/d}$, measured with a calibrated standard.

We reserve the right to make technical changes and to change the touch panel version.

Technical description

| | |
|--|--|
| maximum component height | 100 mm |
| Working distance | 80 mm |
| Measuring range Z | 100 mm |
| Width | 600 mm |
| Magnification at the screen (times) | 10 - 162 |
| maximum component weight | 20 kg |
| Measuring range X | 200 mm |
| Lens (times) | 0.3 – 3.5 |
| Height | 770 mm |
| Length | 500 mm |
| Length measurement variation $E_{UXY, MPE}$ optically (2D) | $2.9 + L / 100$ (L in mm) at $20\text{ °C} \pm 1\text{ K}$ μm |
| Camera | 6.4 megapixels, autofocus |
| Weight | 60 kg |
| Field of view | $24 \times 16 - 2 \times 1\text{ mm}$ |
| Measuring range Y | 100 mm |
| Power supply | Mains operated |
| Nominal voltage | 240 V |
| Type of product | CNC video measuring microscope |

Accessories

| | |
|---------------------|------------|
| Dust cover Type 200 | 491919 200 |
|---------------------|------------|

| | |
|---|---------------|
| Lens for measuring microscopes MM1/MM2 Type 3 | 491912 3 |
| Software option for MM1 Type DXF | 491913 DXF |
| Software option for MM1 Type PROFIL | 491913 PROFIL |
| Accessories for video measuring microscopes Type FEDER | 491917 FEDER |
| Spare glass plate for video measuring microscope MM1 Type 200 | 491948 200 |