

Mitutoyo**Digital 2D height gauge Linear Height, Type: 600FG****Order data**

Order number	445395 600FG
GTIN	4550501366380
Item class	44B

Description**Version:**

- **Perfect combination of multi-functionality and the highest accuracy in this device class.**
- **Intuitive operation thanks to self-explanatory menu system, including 21 languages.**
- **8.4 inch touch screen with colour display and backlight.**
- **Pneumatic drive mechanism.**
- **Automatic execution of taught-in part programs.**
- **Outstanding visualisation of GO/ \pm NG tolerance comparisons.**
- **Autonomous operation using rechargeable battery. Running time: approx. 4 hours. Second rechargeable battery can be retrofitted.**
- **DIGIMATIC input for digital indicators.**
- **DIGIMATIC output for U-Wave or printer.**
- **Print the measurement results using the document printer / Digimatic printer No. 498701 or transfer them to the PC via wireless communication (USB cable / USB stick).**

With handle for better handling of the device.

Supplied with:

Ball contact point \varnothing 5 mm with mounting, calibration block (also for conical points), mains adapter, 1 pc. NiMH battery and cover.

Technical description

Error limit (L = meas. length in mm)	$\pm(1.1+0.6L/600) \mu\text{m}$
Overall height	996 mm
Weight	26.1 kg
Type of rechargeable battery	Nickel metal hydride
maximum application range	0 - 972 mm
Version	with handle
Series	LH-600
Graduations can be switched over	0.1 / 0.01 / 0.001 / 0.0001 mm
Rectangularity error (frontal)	5 μm
Repeatability plane	0.4 μm
Measuring range	0 - 600 mm
Power supply	Mains-powered
Straightness	4 μm
Measurement slide movement	pneumatic
Number of rechargeable batteries contained	1
Gauging force	1 N
Standard	Works standard
Reversible reading	mm / inch
Display diagonal	21.3 cm
Display backlit	yes
Interface	Digimatic interface
Interface	USB interface
Interface	USB interface
Measurement technology	digital
Type of product	Height gauge

Services

Calibration Digital height gauge maximum measuring range 1000 mm	024000 1000
--	-------------

DAkKS calibration Digital height gauge maximum
measuring range 1000 mm

024010 1000

Accessories

Mini-processor / printer DP-1 VA Type DP1VA

498701 DP1VA