

Mitutoyo**Digital height gauge Linear Height, Type: 600E****Order data**

Order number	445390 600E
GTIN	
Item class	44B

Description**Version:**

Digital height gauge LH-600E, new generation with the **highest accuracy** in its class. Easy to use thanks to self-explanatory control panel with menu commands in the display, large 14.5 cm colour display with backlighting and pneumatic movement mechanism. Ideally suited for use in the production environment, thanks to automatic operation with previously learned part programs, GO / NOGO feedback on every measurement and cordless operation thanks to a rechargeable battery (approx. 5 hours). DIGIMATIC data input for digital indicators. Functions for 1D and 2D measurements and evaluations, tolerance evaluations with alarm function and statistical processing / evaluations. Use of USB sticks 8 GB and larger.

Standard:

Digital height gauge LH-600E, new generation with the **highest accuracy** in its class.

- **Pneumatic movement mechanism.**
- **Self-explanatory control panel with menu commands in the display.**
- **Colour display with background illumination – 14.5 cm.**
- **Automatic procedures for previously learned component programs.**
- **Go / No Go feedback for each measurement.**
- **Mains-independent operation by rechargeable battery (approx. 5 hours).**
- **DIGIMATIC data input for digital indicators.**
- **Functions for 1D and 2D measurements / evaluations.**
- **Tolerance evaluation with alarm function.**

- **Statistical processing / evaluations.**
- **Use of USB sticks 8 GB and larger.**

Supplied with:

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

Technical description

Measuring range	600 mm
Weight	24 kg
Version	without handle
maximum application range	0 - 972 mm
Rectangularity error (frontal)	5 µm
Overall height	1013 mm
Error limit (L = meas. length in mm)	1.1 + 0.6 L / 600 µm
Graduations can be switched over	0.1 / 0.01 / 0.001 / 0.0001 mm
Repeatability plane	0.4 µm
Gauging force	1 N
Straightness	4 µm
Number of rechargeable batteries contained	1
Type of rechargeable battery	Nickel metal hydride
Power supply	Rechargeable battery-powered
Power supply	Mains operated
Standard	Manufacturer's standard
Reversible reading	mm / inch
Interface	USB interface
Interface	RS232 interface
Measurement technology	digital
Type of product	Height gauge

