

Mitutoyo
Digital height gauge Linear Height, Type: 600EG

Order data

Order number	445390 600EG
GTIN	4946368665504
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. With handle for better handling of the gauge.

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.

Interface: RS232 interface

Measuring range: 600 mm

maximum application range: 0 - 972 mm

Graduations can be switched over: 0.1 / 0.01 / 0.001 / 0.0001 mm

Error limit (L = meas. length in mm): $1.1 + 0.6 L / 600 \mu\text{m}$

Repeatability plane: 0.4 μm

Straightness: 4 μm

Technical description

Rectangularity error (frontal)	5 μm
maximum application range	0 - 972 mm
Weight	24 kg
Version	with handle
Overall height	1013 mm
Measuring range	600 mm
Error limit (L = meas. length in mm)	$1.1 + 0.6 L / 600 \mu\text{m}$
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
Type of rechargeable battery	Nickel metal hydride
Number of rechargeable batteries contained	1
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

Services

Labelling laser-etched Type	018940
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