Mitutoyo
Mitutoyo

Home > Small Tool Instruments and Data Management > Height Gauges > Height Gauges with Data Processing Unit > Linear Height LH-600 F/FG > Series 5 **Metric/Inch**

Linear Height LH-600F, Metric/Inch

0-600mm, without Grip, without Power Cord

Item number: 518-360-13

£8,400.00 inc. VAT

£7,000.00 ex. VAT

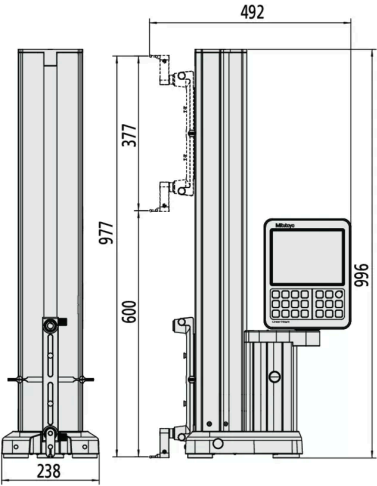| −	1	+	🛒 ADD TO BASKET

✉ RECOMMEND PAGE   📄 DATA SHEET   ⇄ ADD TO COMPARE

Description

The Linear Heigth LH-600F/FG is a high-end 2D height-measuring in exhibiting the perfect combination of intuitive operation, multifunc and extraordinary accuracy.

- Measurement operations can be performed by using th hybrid c box with a touch screen and integrated sheet keyboard
- It is capable of measuring with a digital step of 0.1µm
- Excellent accuracy of (1.1 + 0.6L/600) µm
- Bidirectional Digimatic data output (Digimatic S1)
- Measurement results can be printed from a receipt printer or D Printer (DP-1VA) and sent to a PC via wireless communication, U USB -Stick
- Pneumatic drive mechanism
- Automatic running of pre-learned part programs
- Excellent visualization of GO/±NG tolerance comparisons
- Independent operation with rechargeable battery
- LH-Communication Tool Software available online free of charge
- Dimension L 492 mm x W 238 mm x H 996 mm

power cable (02ZAA021) needed, please order separately

Mitutoyo   ⇆   🛒   ☰

Model:	LH-600F
Digital/Analog:	Digital
Interface:	Digimatic S1 bidirectional (for wireless data transmission, transmission), RS-232C (for receipt printer), USB-B (for PC), stick)
Delivered:	In a cardboard box with setting block for probe calibration mm, battery pack, touch pen for touch screen, protective s AC-Adapter, cap for conveying handles (2 pcs.), conveying
Range:	0-977 mm
Slider stroke:	600 mm
Digital step:	0,0001/ 0,001/ 0,01/ 0,1 mm or 0,000001/ 0,00001/ 0,0001/ 0,001"
Remarks:	Without power grip
Accuracy:	±(1,1 + 6L/600) µm L = length (mm)
Perpendicularity:	5 µm (after compensation)
Straightness:	4 µm (mechanical)
Repeatability:	(2σ) Plane : 0,4 µm (2σ) Bore : 0,9 µm
Air floating:	Full-floating (for moving), semi floating (for scanning meas
Mass:	26.1 kg
Balancing method:	Counterbalance
Drive method:	Motor-driven (5, 10, 15, 20, 25, 30, 40 mm/s: 7 steps)/ man
Sliding method:	Rolling bearing
Slider balance adjustment method:	Manual adjustment by adding/removing auxiliary weights
Scale:	Photoelectric INC encoder, STVC-20Z (8.1x10-6/K)
Display:	8.4" SVGA touch screen (800x600 dot, LED, with back lightr
Language for display:	English / German / French / Spanish / Italian / Dutch / Portu Turkish / Czech / Hungarian / Slovenian / Polish / Russian / Finnish / Traditional Chinese / Simplified Chinese / Korean
Adjustment range of display unit orientation:	Tilt direction: 0-40°, swivel direction: -30-180°
Power supply:	AC adapter 100-240V, 50/60Hz / battery (Ni-MH)
Battery operation time:	Approx. 4 hours
Battery charging time:	Appr. 3,5 h
Power consumption:	Max. 49.9 W
Number of stored part programs:	50
Preventive maintenance function:	Scale status notification, calibration status notification
Operating humidity:	20-80% RH (no condensation)

Mitutoyo

⇆ 🛒 ☰

Dimensions

Variants

Accessories

Videos

Software

Leaflet

Mitutoyo

Follow us

Mitutoyo

T 01264 353123
E sales@mitutoyo.co.uk