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Linear Height LH-600FG, Metric/Inch

0-600mm, with Grip, without Power Cord

Item number: 518-361-13

£7,340.00 ex. VAT

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Description

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

- Measurement operations can be performed by using the hybrid control box with a touch screen and integrated sheet keyboard
- It is capable of measuring with a digital step of 0.1 μm
- Excellent accuracy of $(1.1 + 0.6L/600) \mu\text{m}$
- Bidirectional Digimatic data output (Digimatic S1)
- Measurement results can be printed from a receipt printer or Dot Matrix Printer (DP-1VA) and sent to a PC via wireless communication, USB-Stick
- Pneumatic drive mechanism
- Automatic running of pre-learned part programs
- Excellent visualization of GO/ \pm 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*



Specification

Digital/Analog.	Digital
Interface:	Digimatic S1 bidirectional (for wireless data transmission, I 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 l
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:	With power grip
Accuracy:	$\pm(1,1 + 6L/600) \mu\text{m}$ L = length (mm)
Perpendicularity:	5 μm (after compensation)
Straightness:	4 μm (mechanical)
Repeatability:	(2 σ) Plane : 0,4 μm (2 σ) Bore : 0,9 μm
Air floating:	Full-floating (for moving), semi floating (for scanning meas
Mass:	26.6 kg
Balancing method:	Counterbalance
Drive method:	Motor-driven (5, 10, 15, 20, 25, 30, 40 mm/s: 7 stpes)/ 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 / Porti 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)
Airborne noise:	70dB(A)
Inch-Metric:	Metric/Inch



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