

Linear Height LH-600 F/FG

Series 518

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

- Measurement operations can be performed by using the hybrid controller 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 Digimatic Printer (DP-1VA) and sent to a PC via wireless communication, USB cable or 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
- Delivered without power cable
- Dimensions L 492 mm x W 238 mm x H 996 mm



Specifications

Balancing method	Counterbalance
Drive method	Motor-driven (5, 10, 15, 20, 25, 30, 40 mm/s: 7 steps)/ manual
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 lightning)
Language for display	English / German / French / Spanish / Italian / Dutch / Portuguese / Swedish / Turkish / Czech / Hungarian / Slovenian / Polish / Russian / Romanian / Bulgarian / Finnish / Traditional Chinese / Simplified Chinese / Korean / Japanese
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
Data output	Yes
Number of stored part programs	50
Preventive maintenance function	Scale status notification, calibration status notification
Measuring force	1 N
Delivered	without power cable (02ZAA021)

Standard accessories

No.	Description
12AAY343	D=5mm Ball Stylus, with Stepped Holder
518-060-13	Probe Diameter Calibration Block, Metric/Inch, for LH-600
12BAS388	Probe Diameter Calibration Block Cover, LH-600F/FG
12AAY658	Probe Diameter Calibration Block Base, LH-600F/FG
12AAF712	Battery Pack, for Height Gauge LH-600 C/D/E/F
223587	Dust Cover LH-600
12BAR507	Touch-Pen
12BAS384	Protective Sheet, Touch Screen LH-600F/FG
357651	AC-Adapter 12V, CEE Type, for SJ-210/ SJ-310/LH-600/QM-Data 200
12BAS276	Cap for Conveying Handles, LH-600F/FG
510434	Conveying Handles (2 pcs.), Linear Height, Profile Projector



518-360-13



518-361-13 (model with power grip)



Measurements are supported via clear guidance on the large touch panel.



Rear panel