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Linear Height LH-600FG, Metric/Inch

0-600mm, with Grip, without Power Cord

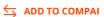
Item number: 518-361-13

£7,340.00 ex. VAT





DATA SHEET



Description

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

- Measurement operations can be performed by using the hybrid 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) 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

Specification

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interface: Diginalic 51 bildrectional (for wireless data transmission.) It consmission, its 232C (for receipt printer), USB B (for PC), SIG8) Delivered: In a cardband how with setting block for probe calibration in m. battery pack, touch pen for touch screen, protectives AC-Adapter, cap for conveying blandles (2 pcs.), conveying landles (3 pcs.), conveying land	Digital/Alialog.	Digital
mm, battery pack, touch pen for touch screen, protective SACADPLER, capter, capt for conveying handles (2 pcs.), conveying flandles	Interface:	transmission), RS-232C (for receipt printer), USB-B (for PC),
Silder stroke: 660 mm Digital step: 0.0001/ 0.0001/ 0.001/ 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.001 / 0.	Delivered:	mm, battery pack, touch pen for touch screen, protective s
Digital step: 0,0001/0,001/0,001/0,001* Remarks: With power grip Accuracy: 4(1,1 + 6L/600) µm L = length (mm) Perpendicularity: 5 µm (after compensation) Straightness: 4 µm (mechanical) Repeatability: (20) Plane : 0,4 µm (20) 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-202 (8.1x10-6nK) Display: 8.4* SVGA touch screen (800x600 dot, LED, with back lightr Language for display: English / German / French / Spanish / Italian / Dutch / Ports Turkish / Czech / Hungarian / Slovenian / Polish / Russian / Finnish / Traditional Chinese / Simplified Chinese / Korean Adjustment range of display unit orientation: Tilt direction: 0-40°, swivel direction: 3-0-180° Power supply: Ac adapter 100-240V, 50/60Hz / battery (Ni-MH) Battery operation time: Approx. 4 hours Battery operation time: Approx. 4 hours Battery charging time: Approx. 4 hours Approx. 4 hours 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) Alrborne noise: 70dB(A)	Range:	0-977 mm
Remarks: With power grip Accuracy: #1,1 + 6,6/600 μm L = length (mm) Perpendicularity: 5 μm (after compensation) Straightness: 4 μm (mechanical) Repeatability: (2o) Plane: 0.4 μm (2o) Bore: 0.9 μm Air floating: Full-floating (for moving), semi floating (for scanning meas floating for scanning meas floating for scanning meas floating for moving), semi floating (for scanning meas floating method: Counterbalance Drive method: Motor-driven (5, 10, 15, 20, 25, 30, 40 mm/s: 7 stpes)/ man floating method: Rolling bearing Silding method: Manual adjustment by adding/removing auxiliary weights Scale: Photoelectric INC encoder, STVC-20Z (8.1x.10-6/K) Display: 8.4° SVGA touch screen (800x600 dot, LED, with back lightr turks) / Czech / Hungarian / Slovenian / Polish / Russian / Finish / Czech / Hungarian / Slovenian / Polish / Russian / Finish / 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: Approx. 5 hours Battery charging time: Approx. 4 hours Battery charging time:	Slider stroke:	600 mm
Accuracy: ±1,1 + 61/600) µm L = length (mm) Perpendicularity: 5 µm (after compensation) Straightness: 4 µm (mechanical) Repeatability: (20) Plane : 0,4 µm (20) 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 Silding method: Rolling bearing Silder balance adjustment method: Manual adjustment by adding/removing auxiliary weights Scale: Photoelectric INC encoder, STVC-202 (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 / Port 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: Appro. 4 hours Battery charging time: Appro. 4 hours Battery charging time: Appro. 4 hours Battery charging time: Appro. 4 hours Power consumption: Aa, 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: 700E(A)	Digital step:	
L = length (mm) Perpendicularity: 5 μm (after compensation) Straightness: 4 μm (mechanical) Repeatability: (20) Plane: 0,4 μm (20) 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 (8.1×10-6/K) Display: 8.4" SVGA touch screen (800x600 dot, LED, with back lightr Language for display: trulish / Czech / Hungarian / Slovenian / Polish / R Lussian / Finnish / Traditional Chinese / Simplified Chinese / Korean Adjustment range of display unit orientation: Tit 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: Approx. 4 hours Battery charging time: Approx. 3,5 h Power consumption: Max. 49.9 W Number of stored part programs: 50 <th>Remarks:</th> <th>With power grip</th>	Remarks:	With power grip
Straightness: 4 µm (mechanical) Repeatability: (2a) Plane: 0,4 µm (2a) Bore: 0,9 µm Air floating: Full-floating (for moving), semi floating (for scanning meas full-floating full-fl	Accuracy:	
Repeatability: (20) Plane: 0.4 µm (20) 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: Motor-driven (5, 10, 15, 20, 25, 30, 40 mm/s: 7 stpes)/ man Sliding bearing Slider balance adjustment method: Manual adjustment by adding/removing auxiliary weights Scale: Photoelectric INC encoder, STVC-202 (8.1x10-6/K) Display: 4.4" SVGA touch screen (800x600 dot, LED, with back lightr Language for display: English / German / French / Spanish / Italian / Dutch / Port Turkish / Czech / Hungarian / Slovenian / Polish / Roussian / 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, 50/66Hz / battery (Ni-MH) Battery operation time: Approx. 4 hours Battery charging time: Approx. 4 hours Scale status notification, calibration status notification Operating humidity: 20-80% RH (no condensation) Airborne noise: 70dB(A)	Perpendicularity:	5 μm (after compensation)
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 / Porto 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: Approx. 9 hours Max. 49.9 W Number of stored part programs: Freventive maintenance function: Scale status notification, calibration status notification Operating humidity: 20-80% RH (no condensation) Airborne noise: 70d8(A)	Straightness:	4 μm (mechanical)
Mass: Counterbalance Drive 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: Approx. 4 hours Battery charging time: Approx. 4 hours 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)	Repeatability:	
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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: Approx. 4 hours 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)	Mass:	26.6 kg
Sliding method: 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 / Ports 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 Approx. 4 hours Approx. 4 hours 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)	Balancing method:	Counterbalance
Silder balance adjustment method: Scale: Photoelectric INC encoder, STVC-20Z (8.1x10-6/K) Display: 8.4" SVGA touch screen (800x600 dot, LED, with back lightr 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: Approx. 4 hours Number of stored part programs: 50 Preventive maintenance function: Scale status notification, calibration status notification Operating humidity: Airborne noise: 70dB(A)	Drive method:	Motor-driven (5, 10, 15, 20, 25, 30, 40 mm/s: 7 stpes)/ man
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 / Port 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)	Sliding method:	Rolling bearing
Display: 8.4" SVGA touch screen (800x600 dot, LED, with back lightr 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° AC adapter 100-240V, 50/60Hz / battery (Ni-MH) Battery operation time: Approx. 4 hours Approx. 4 hours Approx. 3,5 h Power consumption: Max. 49.9 W Number of stored part programs: 50 Preventive maintenance function: Operating humidity: 20-80% RH (no condensation) Airborne noise: 70dB(A)	Slider balance adjustment method:	Manual adjustment by adding/removing auxiliary weights
Language for display: English / German / French / Spanish / Italian / Dutch / Port 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: Operating humidity: 20-80% RH (no condensation) Airborne noise: 70dB(A)	Scale:	Photoelectric INC encoder, STVC-20Z (8.1x10-6/K)
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° AC adapter 100-240V, 50/60Hz / battery (Ni-MH) Battery operation time: Approx. 4 hours 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:	Display:	8.4" SVGA touch screen (800x600 dot, LED, with back lightr
Power supply: AC adapter 100-240V, 50/60Hz / battery (Ni-MH) Battery operation time: Approx. 4 hours 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)	Language for display:	Turkish / Czech / Hungarian / Slovenian / Polish / Russian /
Battery operation time: Approx. 4 hours 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)	Adjustment range of display unit orientation:	Tilt direction: 0-40°, swivel direction: -30-180°
Battery charging time:Appr. 3,5 hPower consumption:Max. 49.9 WNumber of stored part programs:50Preventive maintenance function:Scale status notification, calibration status notificationOperating humidity:20-80% RH (no condensation)Airborne noise:70dB(A)	Power supply:	AC adapter 100-240V, 50/60Hz / battery (Ni-MH)
Power consumption:Max. 49.9 WNumber of stored part programs:50Preventive maintenance function:Scale status notification, calibration status notificationOperating humidity:20-80% RH (no condensation)Airborne noise:70dB(A)	Battery operation time:	Approx. 4 hours
Number of stored part programs: Preventive maintenance function: Operating humidity: Airborne noise: 50 Scale status notification, calibration status notification 20-80% RH (no condensation) 70dB(A)	Battery charging time:	Appr. 3,5 h
Preventive maintenance function: Scale status notification, calibration status notification Operating humidity: 20-80% RH (no condensation) Airborne noise: 70dB(A)	Power consumption:	Max. 49.9 W
Operating humidity: 20-80% RH (no condensation) Airborne noise: 70dB(A)	Number of stored part programs:	50
Airborne noise: 70dB(A)	Preventive maintenance function:	Scale status notification, calibration status notification
	Operating humidity:	20-80% RH (no condensation)
Inch-Metric: Metric/Inch	Airborne noise:	70dB(A)
	Inch-Metric:	Metric/Inch

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