

# Digital Height Master

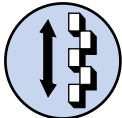
## SERIES 515

### FEATURES

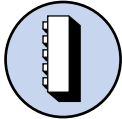
- Standard model with a digital display, featuring all essential specifications required for versatile height standard.
- With SPC output.
- Each height master is supplied with a gage block for zero setting.



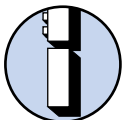
515-374



Staggered 20mm blocks (movable)



Vertical orientation



Riser block



### Technical Data

Resolution (LCD): .0001" or 0.001mm  
Graduation: .0001" or 0.002mm  
Character Height: .21" / 5.4mm

Micrometer Head  
Travel Stroke: 1" or 20mm  
Pitch: .025"/rev or 0.5mm/rev  
Hysteresis: .0001" for all inch models  
0.002mm for 300mm models  
0.0025mm for 450 & 600mm models  
Battery: SR44 (2 pcs.), **938882**  
Battery life: Approx. 1.8 years under normal use

### Function

Zero-setting, Presetting, ABS/INC switching, Data hold, Data output, inch/mm conversion (on inch/metric models only)  
Alarm: Low voltage, Counting value composition error

### Standard Accessories

Reference Block: 11mm for Metric Height Master **611621-031**  
Reference Block: .6" for for Inch Height Master **611196-531**  
Provided with inspection certificate.

### Optional Accessories

**515-111:** Auxiliary block kit for bore gage (mm)  
**515-120:** Auxiliary block kit for bore gage (inch)  
—: Riser block (see page E-27.)  
**959149:** SPC cable (40" / 1m)  
**959150:** SPC cable (80" / 2m)  
**050019:** Fitted mahogany case for 12" / 300mm model  
**050059:** Fitted mahogany case for 18" / 450mm model  
24" / 600mm model

### SPECIFICATIONS

Metric							
Range (H)	Order No.	Block step	Resolution	Block Pitch Accuracy	Parallelism	Micrometer Head Accuracy	Mass (kg)
10 < H ≤ 310mm	<b>515-374</b>	20mm (staggered)	0.001mm	±1.5μm	2μm	±2μm	9.5
10 < H ≤ 460mm	<b>515-376</b>	20mm (staggered)	0.001mm	±2.5μm	2.5μm	±2μm	13.6
10 < H ≤ 610mm	<b>515-378</b>	20mm (staggered)	0.001mm	±3.5μm	2.5μm	±2.5μm	16.0

Inch/Metric							
Range (H)	Order No.	Block step	Resolution	Block Pitch Accuracy	Parallelism	Micrometer Head Accuracy	Mass (kg)
.5" < H ≤ 12"	<b>515-375</b>	1" (staggered)	.0001" / 0.001mm	±.0001"	.00005"	±.0001"	9.5
.5" < H ≤ 18"	<b>515-377</b>	1" (staggered)	.0001" / 0.001mm	±.0001"	.0001"	±.0001"	13.6
.5" < H ≤ 24"	<b>515-379</b>	1" (staggered)	.0001" / 0.001mm	±.0001"	.0001"	±.0001"	16.0