



# 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.

### 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

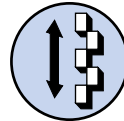
Reference Block: 11mm for Metric Height Master  
 Reference Block: .6" for for Inch Height Master  
 Provided with inspection certificate.

### Optional Accessories

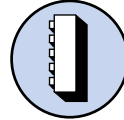
**515-111:** Auxiliary block kit for bore gage (mm)  
**515-120:** Auxiliary block kit for bore gage (inch)  
 ———: Riser block (see page 213.)  
**937387:** SPC cable (40" / 1m)  
**965013:** SPC cable (80" / 2m)  
**050019:** Fitted Mohogany case for 12" / 300mm model  
**050059:** Fitted Mohogany case for 18" / 450mm model  
 24" / 600mm model



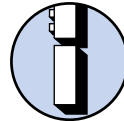
515-354



Staggered 20mm blocks (movable)



Vertical orientation



Riser block



### SPECIFICATIONS

#### Metric

Range (H)	Order No.	Block step	Resolution	Block Pitch Accuracy	Parallelism	Micrometer Head Accuracy	Mass (kg)
10 < H ≤ 310mm	<b>515-354</b>	20mm (staggered)	0.001mm	±1.5µm	2µm	±2µm	9.5
10 < H ≤ 460mm	<b>515-356</b>	20mm (staggered)	0.001mm	±2.5µm	2.5µm	±2µm	13.6
10 < H ≤ 610mm	<b>515-357</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>515-355</b>	1" (staggered)	.0001" / 0.001mm	±.0001"	.00005"	±.0001"	9.5
.5" < H ≤ 18"	<b>515-357</b>	1" (staggered)	.0001" / 0.001mm	±.0001"	.0001"	±.0001"	13.6
.5" < H ≤ 24"	<b>515-359</b>	1" (staggered)	.0001" / 0.001mm	±.0001"	.0001"	±.0001"	16.0