



## Digital Height Master SERIES 515

### Function

Zero setting  
Origin-setting  
Origin restoration  
Data hold  
Auto power off  
Data output

### Optional Accessories

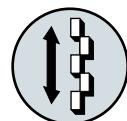
Code No.	Type	Description
959149	C	connection cable (1 m)
959150	C	connection cable (2 m)

- For calibrating and setting height gages.

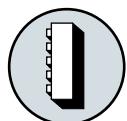
- Staggered arrangement of block stack have two measuring faces on the same level, one facing up and the other down.
- Equipped with a data output port that enables incorporation into measurement networking and statistical process control systems. (Refer to page 09-3 for details)



515-374



Staggered 20 mm blocks (movable)



Vertical orientation



Riser block

### SPECIFICATIONS

#### Metric

Code No.	515-374	515-376	515-378
Range (H)	10 < H ≤ 310 mm	10 < H ≤ 460 mm	10 < H ≤ 610 mm
Resolution (digital display)		0.001 mm	
Block step		20 mm (staggered)	
Micrometer adjustment		20 mm	
Micrometer feed		0.5 mm/rev	
Block pitch accuracy	0 < H ≤ 310 mm		±1.5 µm
	310 < H ≤ 460 mm	—	±2.5 µm
	460 < H ≤ 610 mm	—	±3.5 µm
Parallelism of blocks	0 < H ≤ 310 mm		2.0 µm
	310 < H ≤ 610 mm	—	2.5 µm
Feed error		±2.0 µm	±2.5 µm
Retrace error		2.0 µm	2.5 µm
Mass	9.5 kg	13.6 kg	16 kg

#### Inch

Code No.	515-375	515-377	515-379
Range (H)	0.5 in < H ≤ 12 in	0.5 in < H ≤ 18 in	0.5 in < H ≤ 24 in
Resolution (digital display)		0.0001 in	
Block step		1 in (staggered)	
Micrometer adjustment		1 in	
Micrometer feed		0.025 in/rev	
Block pitch accuracy	0 < H ≤ 12 in		±100 µin
	12 in < H ≤ 18 in	—	±100 µin
	18 in < H ≤ 24 in	—	±150 µin
Parallelism of blocks	0 < H ≤ 12 in		50 µin
	12 in < H ≤ 18 in	—	100 µin
Feed error		±100 µin	
Retrace error		100 µin	
Mass	9.5 kg	13.6 kg	16 kg

- Display: 6 digits
- Power source: SR44 battery (2 pcs.), 938882 included as standard (for operational checks)
- Battery life: Approx. 1.8 years under normal use

Note: The block pitch accuracy and the parallelism of blocks are based on main unit reference surface, which does not include the retrace error.