

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)

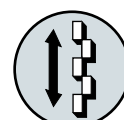
Digital Height Master SERIES 515

- For calibrating and setting height gages.

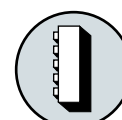


515-374

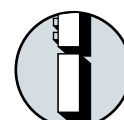
- Staggered arrangement of block stack have two measuring faces on the same level, one facing up and the other down.
- Equipped with a data output port that enables incorporation into measurement networking and statistical process control systems. (Refer to page 09-3 for details)



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.