

Functions

- Origin-set: Absolute origin position can be changed.
- Data output: Measurement data output connector allows integration into statistical process control and measurement systems.
- Automatic power on/off: LCD display will turn off after 20 minutes inactivity, but the ABS scale unit origin is stored. Power is restored when the slider is moved.
- Alarm: Error message is displayed if error in calculation is found and measurement is stopped. Measurement will not be continued while error is displayed. Also, if the battery voltage becomes low, "B" appears to alert the user before measurement is no longer possible.

IP67 protection level

IP 6 7

First characteristic number	Protection from solid objects (people or things)		Second characteristic number	Protection from liquids (water, etc.)	
	Brief description	Description		Brief description	Description
6	Dust-proof.	No ingress of dust allowed.	7	Protected against water penetration.	Ingress of water in quantities causing harmful effects shall not be possible when the enclosure is temporarily immersed in water under standardized conditions of pressure and time.

For details of the test conditions used in evaluating each degree of protection, please refer to the original standard.

SPECIFICATIONS

Metric								
Order No.	Range	Accuracy*	Mass	Measurement data output port	Thumb roller	Remarks		
500-702-20	0 - 150 mm	±0.02 mm	168 g	—	—			
500-703-20	0 - 200 mm		198 g					
500-712-20	0 - 150 mm		168 g					
500-713-20	0 - 200 mm		198 g					
500-719-20	0 - 150 mm		168 g			✓	✓	Depth bar ø1.9 mm
500-721-20	0 - 150 mm		168 g					Carbide-tipped jaws for outside measurement
500-722-20	0 - 200 mm		198 g					Carbide-tipped jaws for outside and inside measurement
500-723-20	0 - 150 mm		168 g					
500-724-20	0 - 200 mm		198 g					
500-714-10	0-300 mm		±0.03 mm			350 g	✓	✓
500-718-11		345 g		—	—			
500-704-10		350 g		✓	✓			
500-708-11		345 g		—	—			

* Excluding quantizing error of ±1 count in LSD

Inch/Metric								
Order No.	Range	Accuracy*	Mass	Measurement data output port	Thumb roller	Remarks		
500-731-20	0 - 6 in	±0.001 in / ±0.02 mm	168 g	—	—	Carbide-tipped jaws for outside measurement		
500-732-20	0 - 8 in		198 g					
500-733-20	0 - 6 in		168 g					
500-734-20	0 - 8 in		198 g					
500-735-20	0 - 6 in		168 g					
500-736-20	0 - 8 in		198 g					
500-737-20	0 - 6 in		168 g			✓	✓	Carbide-tipped jaws for outside measurement
500-738-20	0 - 8 in		198 g					Carbide-tipped jaws for outside and inside measurement
500-752-20	0 - 6 in		168 g					
500-753-20	0 - 8 in		198 g					
500-762-20	0 - 6 in	168 g						
500-763-20	0 - 8 in	198 g	✓					
500-768-20	0 - 6 in	168 g	—		Depth bar ø1.9 mm			
500-769-20	0 - 6 in	168 g	✓		Depth bar ø1.9 mm			
500-764-10	0-12 in	±0.0015 in / ±0.03 mm	350 g	✓	✓			
500-754-10			350 g	—	—			

* Excluding quantizing error of ±1 count in LSD

DIMENSIONS

Unit: mm

Range	A	B	C	D	H	L
0 - 150	16.5	21	14.6	40	16	233
0 - 200	20	24.5	18.1	50		290
0 - 300	22	27.5	19.8	64	20	404

Outside jaw thickness = 3.5 mm for 0 - 150 mm / 0 - 200 mm models
3.8 mm for 0 - 300 mm model