

# ABSOLUTE Digimatic Micrometer QuickMike

Series 293



Quick-action type with non-rotating spindle.

- 10 mm feed per revolution gives 20x faster adjustment speed than standard type.
- IP54 protection allows a wider of operating environment (only applies when data cable not fitted).
- ABSOLUTE linear scale means no restriction on adjustment speed.
- Larger measuring range - 30 mm (1.2") compared with 25 mm (1") for standard micrometer.



293-666



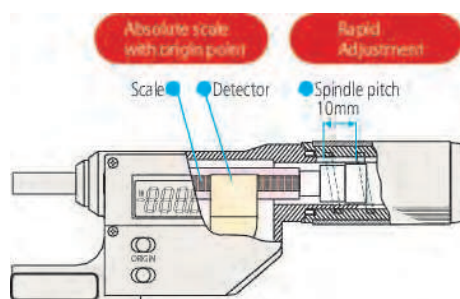
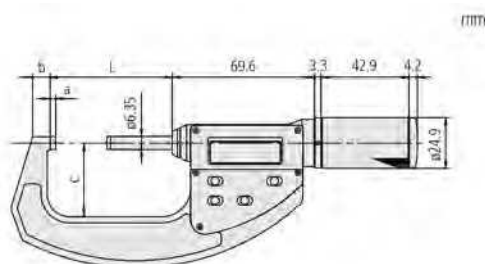
293-669

## Metric

No.	Range	Accuracy	L mm	a mm	b mm	c mm	Mass g
293-661-10	0-30 mm	±2 µm	34.8	2.8	6.2	25	275
293-666	0-30 mm	±2 µm	34.8	2.8	6.2	25	275
293-667	25-55 mm	±2 µm	59.8	2.8	8.5	36	355
293-668	50-80 mm	±3 µm	84.8	2.8	10.3	47	525
293-669	75-105 mm	±3 µm	109.8	2.8	10.7	60	625

## Inch/Metric

No.	Range	Accuracy	L mm	a mm	b mm	c mm	Mass g
293-676	0-1.2"	±2 µm/0.0001"	34.8	2.8	6.2	25	275
293-677	1-2.2"	±2 µm/0.0001"	59.8	2.8	8.5	36	355
293-678	2-3.2"	±3 µm/0.00015"	84.8	2.8	10.3	47	525
293-679	3-4.2"	±3 µm/0.00015"	109.8	2.8	10.7	60	625



This micrometer has a spindle mechanism enabling a spindle drive of 10 mm/rev.  
The drive rate is therefore 20 x higher than in conventional micrometers.

Series 293				
	293-661-10	293-666 293-676	293-667 up to 293-679	
<b>Functions</b>				
Data Output		●	●	
ORIGIN	●	●	●	
ZERO/ABS			●	
ON/OFF	●	●	●	
HOLD		●	●	
Low voltage alarm	●	●	●	

## Specifications

Accuracy	Refer to the list of specifications (excluding quantizing error)
Digital step	0,001 mm or 0,001 mm/0.00005"
Flatness	0,3 µm
Parallelism	2 µm for models up to 80 mm 3 µm for models up to 105 mm
Measuring surfaces	Carbide tipped, micro-lap finish
Frame	Enamelled
Measuring spindle	ø6,35 mm, non-rotating, 10 mm pitch spindle
Measuring force	5-10 N
Battery life	approx. 3 years (0-30 mm), 1 year (> 30 mm)
Delivered	Including box, setting standard (from 25 mm upward), 1 battery

## Optional accessories

No.	Description
937387	Digimatic cable (1 m)
965013	Digimatic cable (2 m)
06ADV380E	USB Input tool Direct cable (2 m)
02AZD790E	Connecting cable U-Wave

## Consumable spares

No.	Description
938882	Battery SR44



293-666 with fixing device 156-105-10 (optional accessories)