

# THREAD DIGITAL CALIPER IP67 MICROTECH

## USER MANUAL



Calibration ISO 17025:2017



ISO 9001:2015

Item No	Pitch	Range	Internal thread diameter	Angle	Resolution	Accuracy	Double force
	mm	mm	mm	grad	mm	µm	N
141377115	1,5	M20-M150	19,026-149,026	60°	0,01	±70	8 ext 4 int
141377120	2,0	M20-M150	18,701-148,701			±70	
141377125	2,5	M22	20,376			±70	
141377130	3,0	M24-M150	22,051			±70	
141377135	3,5	M33	27,727			±70	
141377140	4,0	M36-M150	33,402-147,402			±80	
141377145	4,5	M42-M45	39,077-42,077			±80	
141377150	5,0	M48-M150	44,752-48,752			±80	
141377155	5,5	M56-M60	52,428-56,428			±80	
141377160	6,0	M64-M150	60,103-146,103			±80	

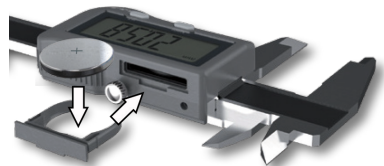
Item No	Type	TPI	Range	Internal thread diameter	Resolution	Accuracy	Double force
			inch	inch	inch	inch	N
141377201	BSW 55°	9	W 1 <sup>5/16</sup>	0,8039	0,0005	±0.003	8 ext 4 int
141377202		8	W 1	0,9200		±0.003	
141377203		7	W 1 <sup>1/8</sup> -1 <sup>1/4</sup>	1,0336-1,1586		±0.003	
141377204		6	W 1 <sup>3/8</sup> -1 <sup>1/2</sup>	1,2683-1,3933		±0.003	
141377205		5	W 1 <sup>5/8</sup> -1 <sup>3/4</sup>	1,497-1,6220		±0.003	
141377206		4 1/2	W 1 <sup>7/8</sup> -2 <sup>1/4</sup>	1,7328-1,9828		±0.003	
141377207		4	W 2 <sup>3/8</sup> -2 <sup>5/4</sup>	2,340-2,465		±0.003	
141377211	BSF 55°	11	F 7/8	0,8168		±0.003	
141377212		10	F 1	0,9360		±0.003	
141377213		9	F 1 <sup>1/8</sup> -1 <sup>1/4</sup>	1,054-1,179		±0.003	
141377214		8	F 1 <sup>1/2</sup> -1 <sup>5/8</sup>	1,295-1,545	±0.003		
141377215		7	F 1 <sup>3/4</sup> -2	1,659-1,909	±0.003		
141377216		6	F 2 <sup>1/4</sup> -2 <sup>3/4</sup>	2,143-2,643	±0.003		
141377217		5	F 3-3 <sup>1/4</sup>	2,872-3,122	±0.003		
141377218		4 1/2	F 3 <sup>1/2</sup> -3 <sup>3/4</sup>	3,358-3,858	±0.003		
141377219		4	F 4 <sup>1/4</sup>	4,090	±0.003		

Item No	Range
	mm
Repeatability	10 $\mu$
Max slider speed	max 2,5 m/s
Display refresh rate	>10/s
Mean power consupt.	45 $\mu$ A
Battery life	8000 h
IP specification	IP67 (IEC60529)

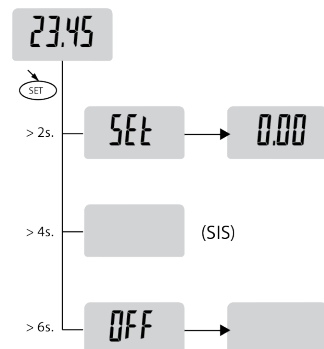
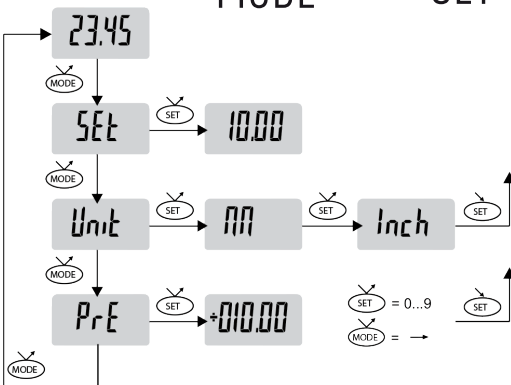
## BUTTON FUNCTIONS



MODE      SET



## BATTERY REPLACEMENT

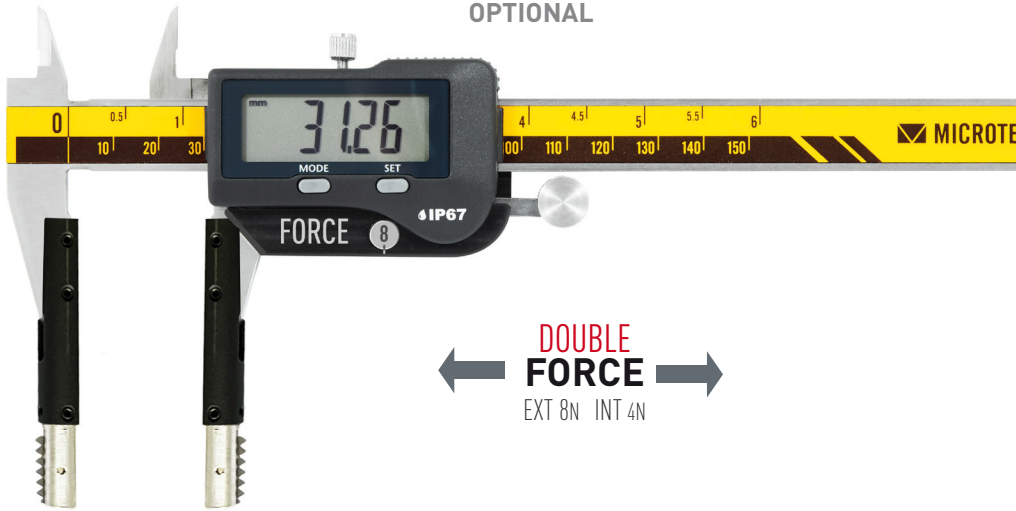


WIRELESS CONNECTION TO MDS APP



FREE SOFTWARE

  
OPTIONAL



**DOUBLE FORCE**  
← →  
EXT 8N INT 4N

IP67



SWISS  
ELECTRONICS

