



(Refer to page VIII for details.)

### Technical Data

Accuracy: Refer to the list of specifications.  
(excluding quantizing error)  
Resolution: 0.001mm or .00005"/0.001mm  
Flatness: 0.3µm/.000012"  
Parallelism: 2µm/.00008"  
Measuring faces: Carbide  
Display: LCD  
Battery: SR44 (1 pc.), **938882**  
Battery life: Approx. 3 years under normal use  
(1 year for 15-30mm, 10-20mm, 20-30mm,  
.6"-1.2", .4"-.8", .8"-1.2" range model)

### Functions

Origin-set, Power ON/OFF, Data hold, Data output, Preset  
(15-30mm range model), inch/mm conversion (inch/mm  
models)  
Alarm: Low voltage, Counting value composition error

### Optional Accessories

**937387:** SPC cable (1m)  
**965013:** SPC cable (2m)  
**06ADV380E:** USB Input Tool Direct with data switch (2m)  
**02AZD790E:** SPC cable for U-WAVE (160mm)



# ABSOLUTE Digimatic Micrometers

## SERIES 227 — with Adjustable Measuring Force Device

### FEATURES

- Constant and low measuring force mechanism in the thimble.
- Adjustable measuring force\* to suit various kinds of workpiece.
- The measurement-value hold function automatically retains the data at a specified measuring force, ensuring accuracy.
- Non-rotating spindle and the new ratchet friction thimble.
- Speedy spindle feed of 10mm/rev.
- Absolute linear scale.
- SPC data output.

\*0.5-2.5N or 2-10N



### SPECIFICATIONS

Metric			
Range	Order No.	Accuracy	Measuring force
0 - 15mm	<b>227-201</b>	±2µm	0.5N - 2.5N
0 - 10mm	<b>227-205</b>	±2µm	2N - 10N
15 - 30mm	<b>227-203</b>	±2µm	0.5N - 2.5N
10 - 20mm	<b>227-206</b>	±2µm	2N - 10N
20 - 30mm	<b>227-207</b>	±2µm	2N - 10N

Inch/Metric			
Range	Order No.	Accuracy	Measuring force
0 - .6"	<b>227-211</b>	±.0001"	0.5N - 2.5N
	<b>227-215</b>	±.0001"	2N - 10N
.6" - 1.2"	<b>227-213</b>	±.0001"	0.5N - 2.5N
	<b>227-216</b>	±.0001"	2N - 10N
.8" - 1.2"	<b>227-217</b>	±.0001"	2N - 10N

### DIMENSIONS AND MASS

