



(Refer to the page 9 for details.)

### Technical Data

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

### Function

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 Accessory

**937387**: SPC cable (1m)  
**965013**: SPC cable (2m)

# ABSOLUTE Digimatic Micrometers

## SERIES 227 — with Constant & Adjustable Fine-loading Device

### FEATURES

- Constant and low measuring force mechanism in the thimble.
- Adjustable measuring force\* accommodates various kind of work materials.  
\*0.5-2.5N or 2-10N
- 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.
- With absolute linear scale.
- With SPC data output.
- With a standard bar to set the origin point (for models with 15 - 30mm range).



227-201

### SPECIFICATION

Metric			
Range	Order No.	Accuracy	Measuring force
0 - 15mm	<b>227-201</b>	±2µm	0.5N - 2.5N
	<b>227-202</b>	±2µm	2N - 10N
15 - 30mm	<b>227-203</b>	±2µm	0.5N - 2.5N
	<b>227-204</b>	±2µm	2N - 10N

Inch/Metric			
Range	Order No.	Accuracy	Measuring force
0 - .6"	<b>227-211</b>	±.0001"	0.5N - 2.5N
	<b>227-212</b>	±.0001"	2N - 10N
.6" - 1.2"	<b>227-213</b>	±.0001"	0.5N - 2.5N
	<b>227-214</b>	±.0001"	2N - 10N



### DIMENSION AND MASS

