# **Vernier Depth Gage**

### **SERIES 527**

### **FEATURES**

- Made of hardened stainless steel.
- Base and measuring faces are hardened and micro-lapped.
- Optional wider extension base are available. (up to 450mm range models)



### **SPECIFICATIONS**

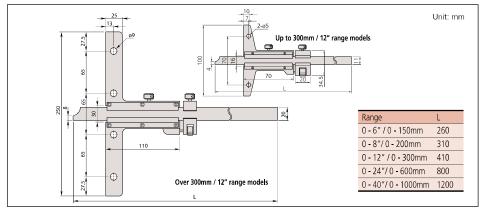
### Metric

Range	Order No.	Vernier reading	Accuracy	Mass (g)	Remarks
0 - 150mm	527-201	0.05mm	±0.05mm	240	
0 - 150mm	527-121	0.02mm	±0.03mm	215	
0 - 150mm	527-101	0.02mm	±0.03mm	280	with fine adjustment
0 - 200mm	527-202	0.05mm	±0.05mm	260	
0 - 200mm	527-122	0.02mm	±0.03mm	230	
0 - 200mm	527-102	0.02mm	±0.03mm	300	with fine adjustment
0 - 300mm	527-203	0.05mm	±0.08mm	300	
0 - 300mm	527-123	0.02mm	±0.04mm	265	
0 - 300mm	527-103	0.02mm	±0.04mm	350	with fine adjustment
0 - 600mm	527-204	0.05mm	±0.10mm	1511	
0 - 600mm	527-104	0.02mm	±0.05mm	1511	with fine adjustment
0 - 1000mm	527-205	0.05mm	±0.15mm	1880	
0 - 1000mm	527-105	0.02mm	±0.07mm	1880	with fine adjustment

#### Inch

Range	Order No.	Vernier reading	Accuracy	Mass (g)	Remarks
0 - 6"	527-111	.001"	±.001"	280	with fine adjustment
0 - 8"	527-112	.001"	±.001"	300	with fine adjustment
0 - 12"	527-113	.001"	±.0015"	350	with fine adjustment
0 - 24"	527-114	.001"	±.002"	1511	with fine adjustment
0 - 40"	527-115	.001"	±.003"	1880	with fine adjustment

### **DIMENSIONS**



### **Technical Data**

Graduation: .001" or 0.05mm, 0.02mm

### **Optional Accessories**

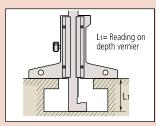
Extension base (see page D-56.)

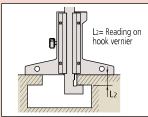
#### **Technical Data**

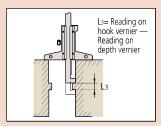
Graduation: 0.05mm or 0.02mm Base size: 100x6.5mm (WxT)

#### **Optional Accessory**

Extension base (see page D-56.)















#### **Technical Data**

Resolution: .0005"/0.01mm Repeatability: .0005 "/0.01mm

Length standard: ABSOLUTE electrostatic capacitance (electromagnetic induction)\* type linear encoder

Max. response speed: Unlimited

Battery: SR44 (1 pc.), **938882**Battery life: Approx. 20,000 hours (3 years)\* under normal use

Dust/Water protection level: IP67

Origin-set, Zero-setting, Automatic power on/off, Data output, inch/mm conversion (on inch/metric models only)

Low voltage, Counting value composition error

### **Optional Accessories**

05CZA624: SPC cable with data switch (40" / 1m) 05CZA625: SPC cable with data switch (80" / 2m) Extension base (see page D-56.)

# **Vernier Depth Gage**

### **SERIES 527 — Hook-End Type**

### **FEATURES**

• The end of the main scale is hookshaped to allow depth and thickness measurements of a projected portion or lip in a hole, in addition to standard depth measurement.

- Fine adjustment models are available.
- Optional wider extension bases are available



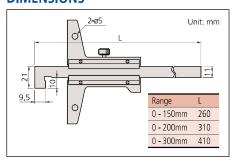
### **SPECIFICATIONS**

Metric

Range	Order No.	Vernier reading	Accuracy	Mass (g)
0 - 150mm	527-401	0.05mm	±0.05mm	240
0 - 200mm	527-402	0.05mm	±0.05mm	240
0 - 300mm	527-403	0.05mm	±0.08mm	270

Metric with fine adjustme				ent	
	Range Order No.		Vernier reading	Accuracy	Mass (g)
	0 - 150mm	527-411	0.02mm	±0.03mm	280
	0 <b>-</b> 200mm	527-412	0.02mm	±0.03mm	300
	0 - 300mm	527-413	0.02mm	±0.04mm	350

### DIMENSIONS



# **ABSOLUTE Digimatic Depth Gage**

**SERIES 571 — Hook-End Type** 

### **FEATURES**

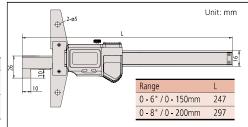
- ABSOLUTE Digimatic Depth Gage can keep track of the origin point, once set, for the life of the battery.
- Base and measuring faces are hardened and micro-lapped.
- Optional wider extension bases are available.



### **SPECIFICATIONS**

Inch/Metric

Range	Order No.	Resolution	Accuracy	Mass (g)
0-6"/	571-264-20	.0005"/	±.0015"	578
0 - 150mm		0.01mm		
0 - 8" /	571-265-20	.0005"/	±.0015"	598
0 - 200mm		0.01mm		





# **Dial Depth Gage**

### **SERIES 527 — With Fine Adjustment**

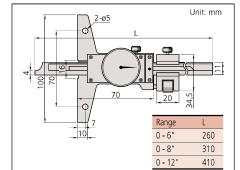
### **FEATURES**

- Easier and faster reading of dial.
- Made of hardened stainless steel.
- Base and measuring faces are hardened and micro-lapped.
- Optional wider extension base are available.



527-313-50

### **DIMENSIONS**



#### **Technical Data**

Dial reading: .001" Base size: 100x6.5mm (WxT)

### **SPECIFICATIONS**

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Range	Order No.	Dial reading	Accuracy	Mass (g)		
0 - 6"	527-311-50	.001"	±.001"	280		
0 - 8"	527-312-50	.001"	±.001"	300		
0 - 12"	527-313-50	.001"	±.0015"	340		

## **Extension Bases**

### **Optional Accessory for Depth Gage**

### **FEATURES**

- Attached to the base (reference face) plate of a depth gage to extend its span.
- These extension base cannot be attached to 0-24" and 0-40", 0-600mm, 0-1000mm, range models.



### **SPECIFICATIONS**

Metric					
Size	Order No.	Remarks (dimension	a, b / n)		
180mm	900370	70mm, 55mm	2		
260mm	900371	35mm, 60mm	5		
320mm	900372	70mm, 55mm	4		

## Inch

Size	Order No.	Remarks (dimension a, b / n)		
7"	900367	2.76", 2.17"	2	
10"	900368	1.38", 2.36"	5	
12"	900369	2.76", 2.17"	4	

### **DIMENSIONS**

