

Digimatic Calipers with Absolute Encoder

Series 500 – without SPC output



500-196



Rear view showing step measuring feature.

Introducing the new Digimatic MyCal E-Z Caliper featuring ABSOLUTE LINEAR ENCODER technology. It has achieved superior cost performance and ease of use by featuring only essential functions.

Features

- The Absolute MyCal E-Z allows direct measurements from power on. You can forget the time consuming origin setup which otherwise is required each time the power is turned on.
- Zero-setting of the display is also possible at any slider position for easy comparison measurements (incremental mode).
- Large .295" high LCD digits (.365" high LCD digits for 12" Model) allow measurement results to be at a glance.

Specifications

Digimatic Calipers with Absolute Encoder

Inch/Metric (Non-SPC Output Models)

Order No.	Measuring Range	LCD Resolution	Accuracy (20° C)	Remarks
500-195	0–4" 0–100mm	.0005" 0.01mm	± .001"	.075 Round depth bar
500-196	0–6" 0–150mm	.0005" 0.01mm	± .001"	
500-159	0–6" 0–150mm	.0005" 0.01mm	± .001"	with OD Carbide Jaw
500-160	0–6" 0–150mm	.0005" 0.01mm	± .001"	with OD, ID Carbide Jaw
500-197	0–8" 0–200mm	.0005" 0.01mm	± .001"	
500-163	0–8" 0–200mm	.0005" 0.01mm	± .001"	with OD Carbide Jaw
500-164	0–8" 0–200mm	.0005" 0.01mm	± .001"	with OD, ID Carbide Jaw
500-193	0–12" 0–300mm	.0005" 0.01mm	± .0015"	
500-165	0–12" 0–300mm	.0005" 0.01mm	± .0015"	with OD Carbide Jaw
500-166	0–12" 0–300mm	.0005" 0.01mm	± .0015"	with OD, ID Carbide Jaw

Replacement Battery: **541980** (1 pc.), **541980-10** (10 pcs./SET)

- A scale contamination detection function is implemented to detect contamination of surface and display the error message (ErrC) on the LCD. The correct value is only displayed if the contamination is removed.
- The battery life has been greatly extended with the power-conserving design permitting 3.5 years (20,000 hours) continuous operation with a single battery.

Specifications

Quantizing Error:	± 1 count
Function:	ORIGIN Setting ZERO/ABS, ON/OFF Inch/Metric
Response Speed:	Unlimited
Battery:	Silver oxide cell SR-44 (1 pc.) Part No. 541980
Battery Life:	Approx. 20,000 hrs. (continuous operation)