# Digimatic Calipers with Absolute Encoder 

Series 550


## Features

- The minimum inside measuring length is .4 " on the 12 " and smaller range model and 1.0 " on the larger range models.
- Inside and outside measurements can be directly read from the upper and lower slider graduations, respectively.
- The Digimatic Caliper provides digital readout to .0005"/0.01 mm for error-free reading.


## Technical Data:

Repeatability: .0005"/0.01mm
Display:
Functions:
LCD 5-digit
ON/OFF
ZERO/ABS
ORIGIN
INCH/MM

## Heavy Duty Dial Caliper

Series 504


## Features

- Provides highly repeatable inside measurements.
- Direct reading of inside dimensions.


## CALIPERS

Dimensions (Unit: inch)

| Order No. | $\mathbf{A}$ | $\mathbf{B}$ | $\mathbf{C}$ | $\mathbf{D}$ | $\mathbf{E}$ | F | ${ }^{*}$ t |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| $\mathbf{5 5 0 - 2 2 1 - 1 0}$ | 11.34 | 1.61 | 2.36 | .20 | .31 | .63 | .118 |
| $\mathbf{5 5 0 - 2 4 1 - 1 0}$ | 15.87 | 1.97 | 2.95 | .20 | .47 | .79 | .150 |
| $\mathbf{5 5 0 - 2 2 3 - 1 0}$ | 24.80 | 2.56 | 3.94 | .25 | .71 | .98 | .236 |
| $\mathbf{5 5 0 - 2 2 5 - 1 0}$ | 30.71 | 2.56 | 3.94 | .25 | .71 | .98 | .236 |
| $\mathbf{5 5 0 - 2 2 7 - 1 0}$ | 48.82 | 3.74 | 5.51 | .50 | .94 | 1.26 | .315 |
| $\mathbf{5 0 4 - 1 0 6}$ | 15.87 | 1.97 | 2.95 | .20 | .47 | .79 | .150 |

t • Jaw Thickness


## Specifications

Heavy Duty Digimatic Calipers with Absolute Encoder
Inch/Metric (with SPC output)

| Order No. | Range Outside | Inside | LCD <br> Resolution | Accuracy | Remarks |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 550-221-10 | $\begin{aligned} & 0-8 " \\ & 0-200 \mathrm{~mm} \end{aligned}$ | $\begin{aligned} & .4-8 " \\ & 10.16-200 \mathrm{~mm} \end{aligned}$ | $\begin{aligned} & .0005 " \\ & 0.01 \mathrm{~mm} \end{aligned}$ | $\pm .001 "$ | without Depth Bar <br> Absolute Function Type |
| 550-241-10 | $\begin{aligned} & \hline 0-12^{\prime \prime} \\ & 0-300 \mathrm{~mm} \end{aligned}$ | $\begin{aligned} & .4-12^{\prime \prime} \\ & 10.16-300 \mathrm{~mm} \end{aligned}$ | $\begin{aligned} & \hline .0005 " \\ & 0.01 \mathrm{~mm} \end{aligned}$ | $\pm .0015{ }^{\prime \prime}$ | without Depth Bar |
| 550-223-10 | $\begin{aligned} & \hline 0-18 " \\ & 0-450 \mathrm{~mm} \end{aligned}$ | $\begin{aligned} & \hline .5-18 \mathrm{"} \\ & 12.7-450 \mathrm{~mm} \end{aligned}$ | $\begin{aligned} & \hline .0005 " \\ & 0.01 \mathrm{~mm} \end{aligned}$ | $\pm .002 "$ | without Depth Bar <br> Absolute Function Type |
| 550-225-10 | $\begin{aligned} & \hline 0-24^{\prime \prime} \\ & 0-600 \mathrm{~mm} \end{aligned}$ | $\begin{aligned} & \hline .5-24^{\prime \prime} \\ & 12.7-600 \mathrm{~mm} \end{aligned}$ | $\begin{aligned} & \hline .0005 " \\ & 0.01 \mathrm{~mm} \end{aligned}$ | $\pm .002 "$ | without Depth Bar Absolute Function Type |
| 550-227-10 | $\begin{aligned} & \hline 0-40 " \\ & 0-1000 \mathrm{~mm} \end{aligned}$ | $\begin{aligned} & \hline 1.0-40 " \\ & 25.4-1000 \mathrm{~mm} \end{aligned}$ | $\begin{aligned} & \hline .0005 " \\ & 0.01 \mathrm{~mm} \end{aligned}$ | $\pm .003 "$ | without Depth Bar Absolute Function Type |

Absolute Function Type SPC Connecting Cable: 959149 (1m) or 959150 (2m).

## Heavy Duty Dial Caliper

Inch

|  | Range <br> Outside | Dial Reading <br> Inside | Resolution | Range/Rev | Accuracy |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Order No. | $0-12^{\prime \prime}$ | $.4-12^{\prime \prime}$ | $.001^{\prime \prime}$ | $.20^{\prime \prime}$ | $\pm .002^{\prime \prime}$ |
| $504-106$ |  |  |  |  |  |

