

# TAMAYA Digital Planimeters

## Specifications :

### PLANIX EX

Measurement functions: Coordinate, Area, Line length, Side length, Radius, Angle  
 Measurement modes: Line (Point), Curve (Stream), Circular arc (Arc)  
 Measuring units: Metric (mm, cm, m, km), Foot (in, ft, acre / yd, mi), User-defined units  
 Display: 140 x 30 dot graphic liquid crystal (17 digits x 3lines)  
 Measuring range: 380mm x 10m 450mm x 10m  
 Linear resolution: 0.05mm  
 Accuracy:  $\pm 0.1\%$   
 Power: Rechargeable Ni-Cd cell (chargeable with the AC adapter supplied)  
 Charging time: About 10 hrs in normal use/about 15 hrs after complete discharge  
 Operating time: About 40 hrs of continuous operation after full charge  
 Dimensions: 350 x 43 x 165mm (main body) 365 x 65 x 195mm (case)  
 400 x 43 x 165mm (main body)  
 465 x 70 x 245mm (case)  
 Weight: Approx. 1kg (main body only)  
 Approx. 1.4kg (main body only)  
 Accessories: Instruction manual, AC adapter, Carrying case, Sample measurement sheet, Gauge template  
 Options: Special printer, Special printer paper (10 rolls per set), RS-232C cable with Data collecting software

mark is the PLANIX EX-L.

Specifications subject to change without notice.

### PLANIX 10S *marble*

Measurement functions: Area, Line length, Side length  
 Measuring units: mm, cm, m, km, in, ft, acre/yd, user-defined units  
 Display: LCD 16 digits x 2 lines  
 Measuring range: 300mm x 10m  
 Linear resolution: 0.05mm  
 Accuracy:  $\pm 0.1\%$  (100 x 100mm area measurement)  
 Power: Internal nickel metal hydride battery or AC charger/adaptor  
 Charging time: About 15 hours  
 Operating time: About 20 hours  
 Dimensions: 250 x 110x40mm (main body) 260 x 183 x 64mm (case)  
 Weight: Approx. 630g.  
 Accessories: Storage case, AC charger/adaptor, Gauge template  
 Colors: Metallic Grey, Pastel Blue, Pastel Red

### PLANIX 7

Display capacity: 8 digits output/input HOLD, MEMO, BATTE, READY, cm<sup>2</sup>, in<sup>2</sup>, SCALE, m<sup>2</sup>, km<sup>2</sup>, ft<sup>2</sup>, acre  
 Display Method: LCD with zero suppression  
 Measuring range: 3000mm x 300mm  
 Resolution: One digit corresponds to 0.1cm<sup>2</sup> or 0.01in<sup>2</sup>  
 Accuracy: Better than  $\pm 0.2\%$  ( $\pm 2 / 1000$  pulses)  
 Power: Internal NiCd or AC Adaptor  
 Operating hours: After 15 hours recharge: 30hours  
 Dimensions: 150 x 240 x 39mm (main body) 183 x 260 x 64mm (case)  
 Weight: Approx. 650g.

### PLANIX 6, PLANIX 5

Display capacity: 8 digits output/input HOLD, MEMO, BATTE, READY, cm<sup>2</sup>, in<sup>2</sup>  
 Display Method: LCD with zero suppression  
 Measuring range: 3000mm x 300mm (PLANIX6) 35.6cm dia. (PLANIX5)  
 Resolution: One digit corresponds to 0.1cm<sup>2</sup> or 0.01in<sup>2</sup>  
 Accuracy: Better than  $\pm 0.2\%$  ( $\pm 2 / 1000$  pulses)  
 Power: Internal NiCd or AC Adaptor  
 Operating hours: After 15 hours recharge: 30hours  
 Dimensions: 150 x 240 x 39mm (PLANIX6 main body) 64 x 213 x 39 mm (PLANIX5 main body), 183 x 260 x 64mm (case)  
 Weight: Approx. 650g. (PLANIX6), 900g. (PLANIX5)

### PLANIX 5

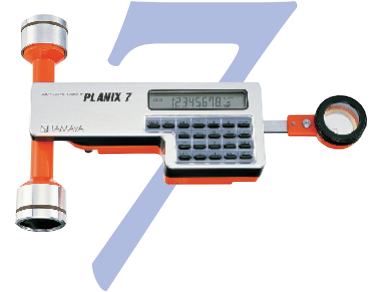
Not Available



### PLANIX 6



### PLANIX 7



### PLANIX 10S *marble*



## TAMAYA PLANIX Series Comparison Table:

	PLANIX 5	PLANIX 6	PLANIX 7	PLANIX 10S	PLANIX EX	PLANIX EX-L
	△ = Option					
Point mode	×	×	×	○	○	○
Coordinate	×	×	×	×	○	○
Area	○	○	○	○	○	○
Side Length, Line length	×	×	×	○	○	○
Radius	×	×	×	×	○	○
Angle	×	×	×	×	○	○
Scale: Key input	×	×	○	○	○	○
Scale: Actual size correction	×	×	×	○	○	○
Scale: Affine transformation (known point correction)	×	×	×	○	○	○
Average and cumulative total	○	○	○	○	○	○
Decimal Point Set-up	×	×	×	○	○	○
Automatic power-off function	○	○	○	○	○	○
Automatic closing function	×	×	×	○	○	○
Automatic numbering function	×	×	×	×	△	△
Calculation	×	×	×	×	○	○
Display	dot LCD 8 digits x 1 line			dot LCD 16 digits x 2 lines	dot LCD 17 digits x 3 lines	
Measuring Range	300mm x 300mm	300mm x 3m	300mm x 10m	380mm x 10m	450mm x 10m	
Resolution	$\pm 0.1\text{cm}^2$			$\pm 0.05\text{mm}$		
Accuracy	$\pm 0.2\%$			$\pm 0.1\%$		
Operating time	30 hours			20 hours	40 hours	
Printer	×	×	×	×	△	△
RS-232C I/F cable	×	×	×	×	△	△