

Suitable for all drawings and maps.

Coordinate, Area, Line length, Side Length, Radius and Angle measurements.

PLANIX EX

※ PLANIX EX-L, also, for A2 type.

Features:

- Legible LCD display
- Simultaneous coordinate, area, line length and side length measurements
- Radius/Angle measurement
- Coordinate reading and correction
- High accuracy $\pm 0.1\%$
- Three measurement modes-straight line, curve line and circular arc
- Automatic closing function
- Automatic convergence function
- Automatic unit selection
- Average and cumulative total
- Calculator function
- Decimal point setup
- External output function
- Numbering Function
- Battery check function
- Automatic power off function



● PLANIX EX



● PLANIX EX with printer



● PLANIX EX-L

TAMAYA DIGITIZING AREA-LINE METER

TAMAYA

PLANIX EX

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: 140×30 dot graphic liquid crystal (17 digits ×3 lines)
 Measuring range: 380mm×10m ※450mm×10m
 Linear resolution: 0.05mm
 Accuracy: ±0.1%
 Power: Rechargeable Ni-Cd cell (chargeable with the AC adaptor 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: 350×43×165mm (main body) 365×65×195mm (case)
 ※400×43×165mm (main body)
 ※465×70×245mm (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×2 lines
 Measuring range: 300mm×10m
 Linear resolution: 0.05mm
 Accuracy: ±0.1% (100×100mm area measurement)
 Power: Internal nickel metal hydride battery or AC charger/adaptor
 Charging time: About 15 hours
 Operating time: About 20 hours
 Dimensions: 250×110×40mm (main body) 260×183×64mm (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, cm², in², SCALE, m², km², ft², acre
 Display Method: LCD with zero suppression
 Measuring range: 3000mm×300mm
 Resolution: One digit corresponds to 0.1cm² or 0.01in²
 Accuracy: Better than ±0.2% (±2/1000 pulses)
 Power: Internal NiCd or AC Adaptor
 Operating hours: After 15 hours recharge: 30hours
 Dimensions: 150×240×39mm (main body) 183×260×64mm (case)
 Weight: Approx. 650g.

PLANIX 6, PLANIX 5

Display capacity: 8 digits output/input HOLD, MEMO, BATTE, READY, cm², in²
 Display Method: LCD with zero suppression
 Measuring range: 3000mm×300mm (PLANIX6) 35.6cm dia. (PLANIX5)
 Resolution: One digit corresponds to 0.1cm² or 0.01in²
 Accuracy: Better than ±0.2% (±2/1000 pulses)
 Power: Internal NiCd or AC Adaptor
 Operating hours: After 15 hours recharge: 30hours
 Dimensions: 150×240×39mm (PLANIX6 main body) 64×213×39mm (PLANIX5 main body), 183×260×64mm (case)
 Weight: Approx. 650g. (PLANIX6), 900g. (PLANIX5)

PLANIX 5



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 × 1 line			dot LCD 16 digits × 2 lines	dot LCD 17 digits × 3 lines	
Measuring Range	300mm×300mm	300mm×3m	300mm×10m	380mm×10m	450mm×10m	
Resolution	± 0.1 cm ²			± 0.05 mm		
Accuracy	± 0.2%			± 0.1%		
Operating time	30 hours			20 hours	40 hours	
Printer	×	×	×	×	△	△
RS-232C I/F cable	×	×	×	×	△	△