

**DIGITAL PLANIMETER**

# **PLACOM KP-N series**



**KP-90N**

**KP-80N**

**KP-82N**

**KP-92N**

# ADVANCED FEATURES OFFER EXCELLENT ACCURACY

Topcon offers four digital planimeter models that allow you to take area and line measurements from maps and other sources with an accuracy within  $\pm 0.2$  percent.

All are suitable for a wide range of applications including construction and civil engineering work, land

development planning, agricultural and forestry work and as teaching devices in schools.

With their advanced features and choice of styles, Topcon's planimeters make area measurement from printed references quick and easy.

## FEATURES

### LIQUID CRYSTAL DISPLAY SCREENS

All models use clear LCD screens to display readings up to 8-digits and either 5 or 10 symbols.

### SIX-DIGIT PULSE COUNT

Using a six-digit pulse count permits users to measure an area 100 times larger than with an ordinary planimeter, up to  $10\text{m}^2$ .

### EASILY CONVERTED UNIT AND SCALE VALUES

The two top-end models offer a built-in computer for instant conversion of measured areas into a unit and scale value of choice. The two lower-end models convert between squared inches and squared centimeters.

### "HOLD MEMORY" FUNCTION

Allows you to hold a value in memory.

### CALCULATES MEAN VALUE MEASUREMENTS

For even more precise measurement, a mean value can be calculated from several measurements.

### AUTO-POWER OFF FUNCTION

## APPLICATIONS

- Construction and Civil Engineering
- Land Developing Planning
- Forestry Area
- Machine Designing
- Ship Designing
- Medical Research
- Agriculture
- Data Analysis in Statistics
- Teaching Materials in School



## SPECIFICATIONS

Model Name	KP-90N	KP-92N	KP-80N	KP-82N
Type	Roller Type		Polar Type	
	With Computing Function	Single Function	With Computing Function	Single Function
Display	Liquid Crystal, 8-digit figures			
	10 symbols	5 symbols	10 symbols	5 symbols
Symbol	Batt-E, SCALE, MEMO, HOLD $\text{cm}^2, \text{m}^2, \text{km}^2, \text{in}^2, \text{ft}^2, \text{acre}$	Batt-E, MEMO, HOLD $\text{cm}^2, \text{in}^2$	Batt-E, SCALE, MEMO, HOLD $\text{cm}^2, \text{m}^2, \text{km}^2, \text{in}^2, \text{ft}^2, \text{acre}$	Batt-E, MEMO, HOLD $\text{cm}^2, \text{in}^2$
Converting Function	Unit and Scale value	Unit ( $\text{in}^2, \text{cm}^2$ )	Unit and Scale value	Unit ( $\text{in}^2, \text{cm}^2$ )
Accumulated Measuring Value	Maximum $10\text{m}^2$ (scale 1:1)			
Measuring Range	* Maximum vertical width: 325mm * Horizontal roller rotating length: 30m		* Maximum, with the pole put outside the pattern: 300mmø * Maximum, with the pole put inside the pattern: 800mmø	
Accuracy	within $\pm 0.2\%$ (within $\pm 2/1,000$ pulses)			
Power Supply	1) Built-in Ni-Cd storage battery (rechargeable through AC adapter) 2) AC 100V, 120V, 220V and 240V (using the supplied AC adapter) (provided with auto power-off function)			
Operating Duration	Approx. 30 hours of continuous operation			
Battery Charging Time	Approx. 15 hours			
Main Unit Weight	750g	750g	780g	780g
Accessories	Supplied AC adapter and carrying case			

\* Designs and specifications herein are subject to change without notice.

**Important** In order to obtain the best results with this instrument, please be sure to review all user instructions prior to operation.



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