

Digital Planimeter **PLACOM N-Series**

Planimeter KOIZUMI KP-90N

advanced functions and perfect reliable

Applications

- ◆ Forestry area
- ◆ Ship designing
- ◆ Medical research
- ◆ Agriculture
- ◆ Data analysis in statistics
- ◆ Construction and civil engineering
- ◆ Land developing planning
- ◆ Machine designing
- ◆ Architecture and interior designing

Special features of PLACOM N-Series

■ Measurement by 6-digit pulse count

This N-Series can measure the area by pulse count of 6-digits.

This method enables a larger cumulative measurement of area (Up to 10m²).

■ Maximum cumulative measurement value of 10m²

With the measurement by 6-digit pulse count, the N-Series Planimeter can measure a larger area by 100 times than ordinary Planimeter.

The conventional planimeter has a maximum cumulative area to measure only 0.1 m². If measurement value shows over 0.1m² when measuring, the display is to be reset to "0".

This requires to register the numbers of how many times these resettings are occurred.

With the New PLACOM N-Series, there is no need of these troublesome procedures.

■ Easy conversion function of unit and scale

KP-90N and KP-80N can convert easily the measured area value into a new area value in a newly desired unit and with a newly desired scale value.

KP-92N and KP-82N can convert the unit between in² and cm².

■ Hold memory function

In cumulative measurement, this Hold Memory function is effectively used.

If an error occurs in measuring, press C/AC key. Then last measured value is appeared by pulse count. Since previous measured values before error are stored, there is no need to another measurements from the beginning.

■ Automatic shifting of unit to upper unit

When the measured area value overflows the displayed figures of 8 digits, the measured area value is calculated and displayed by an upper unit. When the overflows is occurred in the uppermost unit, km², acre, the measurement can be continued by pulse count display.

■ Average value measurement

In order to get better result of measurement, Mean value measurement is recommended. This measurement can be easily done on this N-Series.

■ Measurement of an area with different lateral and longitudinal scale.

■ Auto-power-off function for energy saving

Specifications of PLACOM N-Series

Specifications	KP-90N
Type	Roller Type With Computing Function
Display	Liquid Crystal, 8-digital Figures
Symbol	13 Symbols, Batt-E, SCALE MEMO, HOLD (cm ² , m ² , km ² , in ² , ft ² , acre, etc.)
Converting Function	Unit and Scale value
Accumulated Measuring Value	Maximum 10m ² (scale 1:1)
Measuring Range	Maximum vertical width: 325mm; Horizontal roller rotating length: 30m
Accuracy	within ±0.2% within ±2/1000 pulses

Power Supply	Built-in NiCd Battery(rechargeablethrough AC Adapter) AC Adapter 100V-240V(Auto-power-off function is provided)
Operation Duration	Approx. 30 hours of continuous operation
Battery Charging Time	Approx. 15 hours
Main Unit Weight	750g
Accessories	Supplied AC Adapter and Plastic Case