

Special features

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 10^4).

Maximum cumulative measurement value of 10^4

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 m^2 . If measurement value shows over 0.1 m^2 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 in^2 and cm^2

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 overflow is occurred in the uppermost unit, km^2 . 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



Applications

- Construction and civil engineering
 - Land developing planning
 - Machine designing
 - Data analysis in statistics
 - Architecture and interior designing
 - Forestry area
 - Ship designing
 - Medical research
 - Agriculture
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Specifications of PLACOM N-Series

Model	KP-90N
Type	Rpler Type with Computing Function
Display	Liquid Crystal, 8-digit Figures
Symbol	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 10 m^2 (scale 1:1)

Measuring Range	Maximum vertical width: 325 mm Horizontal roller rotating length: 30m
Accuracy	Within $\pm 0.2\%$ (within 2/1,000 pulses)
Power Supply	Built-in NiCd Battery (rechargeable through AC Adapter) AC Adapter 100V~240V(Auto-power-off function is provided.)
Operating Duration	Approx.30 hours of continuous operation
Battery Charging Time	Approx. 15 hours
Main Unit Weight	750g