

SOKKIA

KP-800

DIGITAL AREA-LINE SENSOR



Good price performance and user-friendliness

Efficient operation

Functions for efficient measurement are provided such as automatic convergence, sectional line length measurement, and more. The colour sheet keys allow you easy operation.

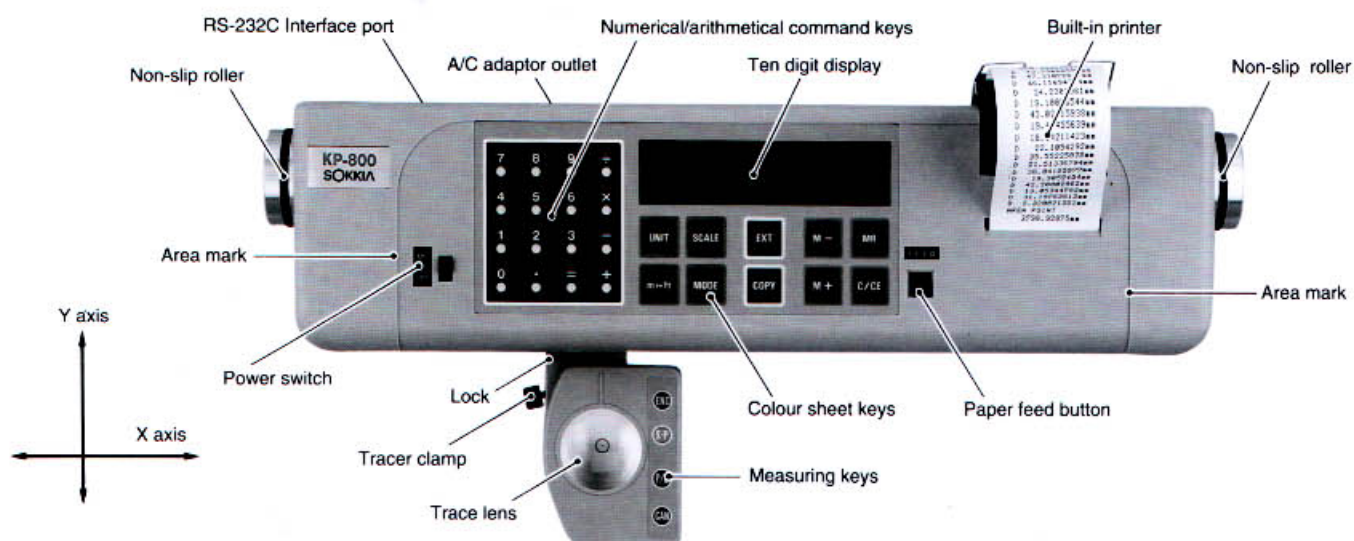
Data output functions

The data can be printed with the built-in printer. RS-232C interface port is equipped for data transmission.

Easy-to-use hardware for accurate measurement

The KP-800 is compact and handy. The special non-slip ceramic roller ensures high accuracy. With the area marks indicating the working range of the trace lens, you know where to set the instrument on a drawing.

KP-800 DIGITAL AREA-LINE SENSOR



FEATURES

High accuracy, high resolution

Advanced sensor technology provides 0.05mm resolution and 0.1% accuracy.

Simultaneous measurement of area and line

The KP-800 measures both an area and line at the same time.

Sectional line-length measurement

The length of each division of a line or lines can be obtained separately, for example the length of each side of a figure.

Improved operation with Point Mode

Straight lines can be defined for measurement only by entering the end points.

Automatic convergence

In the measurement of a closed figure, when the closing point comes within a 0.5mm radius of the starting point, the instrument automatically converges the two points and completes the measurement.

Accumulation and averaging

The instrument can record areas and lengths with up to 99 measurements. All the data can be accumulated and averaged.

Unit selection and user-definable unit

Units can be selected from metric (mm, cm, m, km) and imperial units (in, ft, acre/yd, mi). Any specific units can be set according to your needs.

Automatic unit conversion

When the displayed number exceeds 10 digits, the unit is automatically converted to a higher-value unit.

Reduced-scale setting

Reduced scales can be set separately in the X and Y directions.

Manual calculation

The numeric keys can be used to subtract, multiply, or divide the measured results or the memorized values. You can also use the keys just like a calculator.

KP-800 SPECIFICATIONS

Measuring functions	Area, length of line, sectional line length
Units	Metric: mm, cm, m, km Imperial: in, ft, acre/yd, mi Other units can be defined by the user
Display unit	16 digits \times 2 lines, dot matrix LCD
Measuring range	Cumulative range: Data of area and length can be accumulated for the measurement exceeding the mechanical range: Mechanical range: X axis: 250mm, Y axis: $\pm 6,000$ mm (12m)
Resolution	0.05mm with a 100% scale
Accuracy	Within 0.1%
Power source	Built-in rechargeable Ni-Cd battery
Operating time	30 hours continuous use when fully charged (The instrument can be used while the battery is being charged.)
Charging time	Approx. 10 hours average Approx. 15 hours when totally discharged
Printer	Built-in
Data output	RS-232C
Size	Instrument: W 84 \times L 336 \times H 50 mm (w/o tracer) Case: W 195 \times L 365 \times H 65 mm
Weight	Approx. 1kg (instrument only)
Standard accessories	Instruction manual, AC adaptor, Case, 3 rolls of printer paper
Optional accessories	RS-232C cable for IBM PC, 9-pin, 2m RS-232C cable for IBM PC, 9-pin, 5m

Designs and specifications are subject to change without prior notice.

SOKKIA CO., LTD.

ISO9001 Certified (JQA-0657)

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