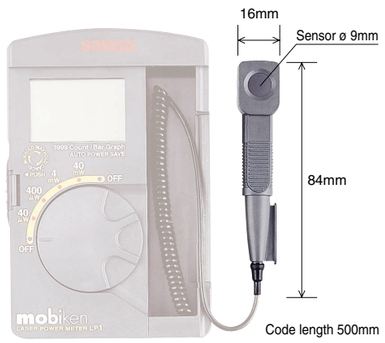
THERMO METER
POCKET-SIZE
TH3

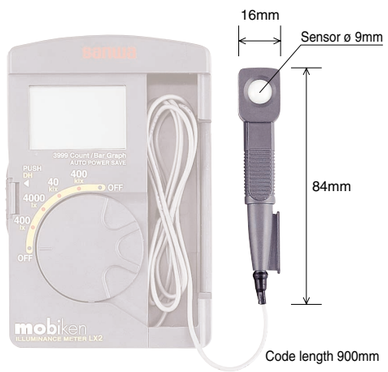
Measuring Range	- 50.0°C ~ 200.0°C
Resolution	0.1°C
Accuracy	±(0.5%rdg + 0.5)°C
Sampling rate	Approx. 2 times / sec.
Display	3999
Sensor	Platinum foil thermometric resistor (100Ω at 0°C)
	Sheath type Pt100Ω ø 2 x 64 JIS B class
Response	Approx. 7 sec. interval
Character of relative spectral responsivity	Approximation of spectral luminous efficiency of the standard photometric observer
Function	MAX hold, MIN hold
	DATA hold
	Relative Zero
	Auto Power Save
Battery	SR-44 or LR-44 x 2 pcs.
Power consumption	Approx. 18mW
Accuracy assure Temperature	23°C±7°C max. 80%RH without condensation
Operating Temperature	5°C ~ 40°C max. 80%RH without condensation
Storage temperature	0°C ~ 50°C max. 80%RH without condensation
Dimensions, mass	117(H) x 76(W) x 18(D) mm, Approx. 120g.
Sensor probe	84(H) x 16(W) x 10(D) mm
Accessory	Manual

LASER POWER METER
POCKET-SIZE
LP1



Receptor element	Si photodiode (ø 9mm)
Wavelength range	400nm ~ 1100nm
Wavelength	633nm (He-Ne raser) reference wavelength
	Convert by a table of spectral sensitivity characteristic (representing value)
Display	3999 count with bar graph
Sampling rate	Numeric: Approx. 2 times / sec.
	Bar graph: Approx. 20 times / sec.
Measuring Range	40.00μW
	400.0μW
	4.000mW
	40.00mW
Accuracy	±5% (1mW at 4mW range, 633nm)
	23°C±2°C
Function	MAX hold, MIN hold
	Auto Power Save
Battery	SR-44 or LR-44 x 2 pcs.
Power consumption	Approx. 6mW
Operating Temperature	0°C ~ 40°C max. 80%RH without condensation
Storage temperature	- 10°C ~ 50°C max. 80%RH without condensation
Dimensions, mass	117(H) x 76(W) x 18(D) mm, Approx. 120g.
Sensor probe	84(H) x 16(W) x 10(D) mm
Accessory	Manual

ILLUMINANCE METER
POCKET-SIZE
LX2



Receptor element	Si photodiode (ø 9mm)
Display	3999 count with bar graph
Sampling rate	Numeric: Approx. 2 times / sec.
	Bar graph: Approx. 20 times / sec.
Measuring Range	400.0 lx
	4000 lx
	40.00k lx
	400.0k lx
Accuracy	±(7%rdg. + 1dgt.) Below 3000 lx
	±(10.5%rdg. + 1dgt.) 3000 lx or higher
	Compatible JIS standard A class
	23°C±2°C
Temperature characteristics	±5% at 23°C
Character of relative spectral responsivity	Approximation of spectral luminous efficiency of the standard photometric observer
Function	DATA hold
	Auto Power Save
Battery	SR-44 or LR-44 x 2 pcs.
Power consumption	Approx. 10mW
Operating Temperature	0°C ~ 40°C max. 80%RH without condensation
Storage temperature	- 10°C ~ 50°C max. 80%RH without condensation
Dimensions, mass	117(H) x 76(W) x 18(D) mm, Approx. 120g.
Sensor probe	84(H) x 16(W) x 10(D) mm
Accessory	Manual

The specifications and other information in this catalogue are subject to change without prior notice.

sanwa
SANWA ELECTRIC INSTRUMENT CO., LTD.
Dempa Bldg., 4-4 Sotokanda 2-Chome, Chiyoda-ku, Tokyo 101-0021, Japan
Tel. 81-3-3251-0941, Fax. 81-3-3256-9740
http://www.sanwa-meter.co.jp
e-mail: exp_sales@sanwa-meter.co.jp

ISO 9001:2000 JAB QS Accreditation R009
JQA-QM8676

In 2002, our factory SANWA MI TECHNOS CO., LTD. obtained ISO 9001:2000.
The certification is given by Japan Quality Assurance Organization (JQA).

Nov., 2002

mobiken Series
THERMO METER
TH3

SIZE:177(H) X 76(W) X 18(D)mm Approx. 120g

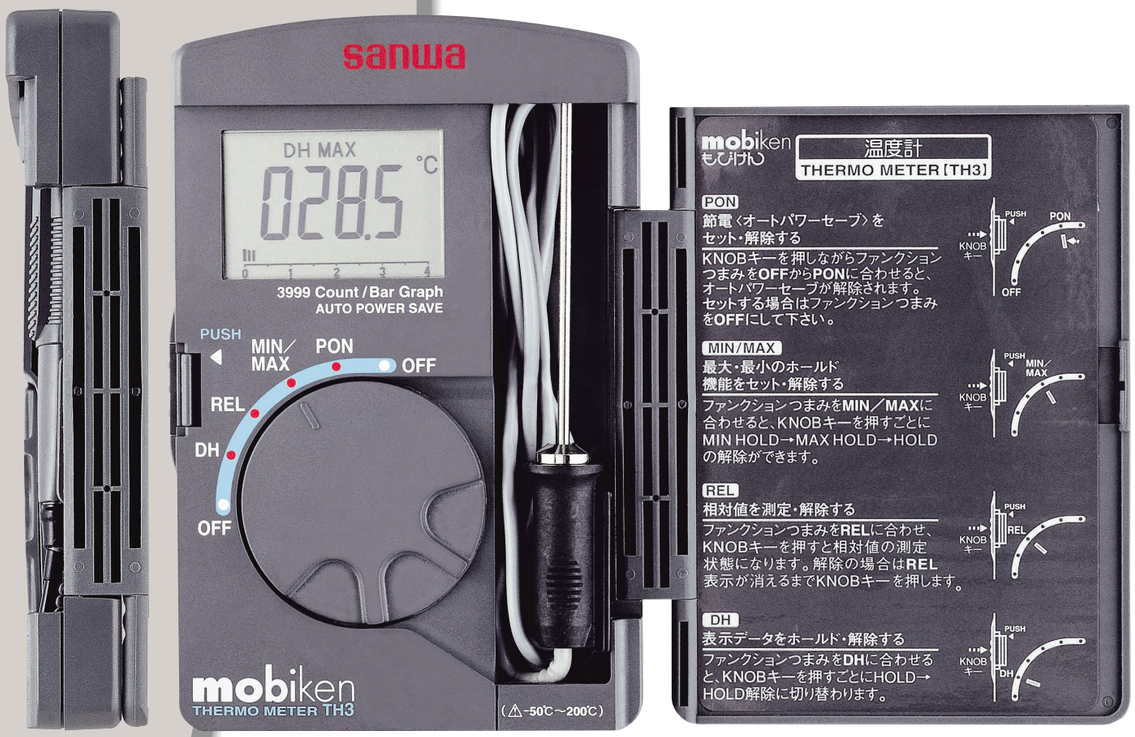
sanwa

ISO 9001:2000 JAB QS Accreditation R009
JQA-QM8676

THERMO METER
POCKET-SIZE

TH3

High resolution & accuracy pocket-size Thermometer!



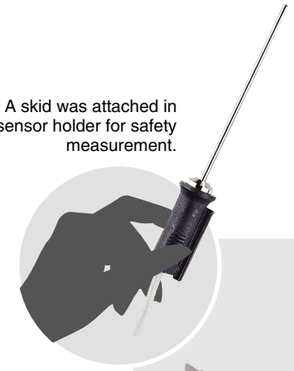
Actual size

TH3 is suitable for temperature measurement of SPOT temperature measurement, such as gas, a liquid, soil, and a soft food stuff.
It is the optimal thermometer for temperature measurement management of broad fields, such as air-conditioning machine, interior of a room, foods, agriculture, and horticulture.

- **High resolution 0.1˚C**
- **Data hold, MAX hold, MIN hold and Relative functions**
- **A skid was attached in sensor holder for safety measurement**
- **Measurement from – 50.0˚C ~ 200.0˚C**
- **Auto Power Save function**

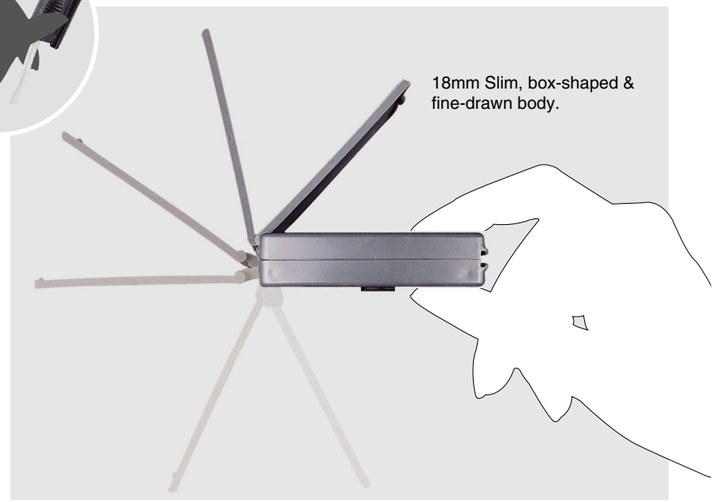
Sensor probe can be fitted over the fixed position of the upper left part when measuring.

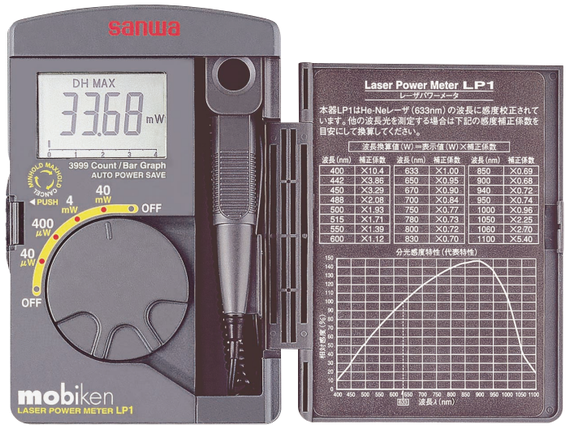
A skid was attached in sensor holder for safety measurement.



mobiken Series

Compact pocket size, but realized high precision and wide range measurement.
Sensor probe can be put in the body after use.
Smart and convenient measuring instrument: **MOBIKEN** series.



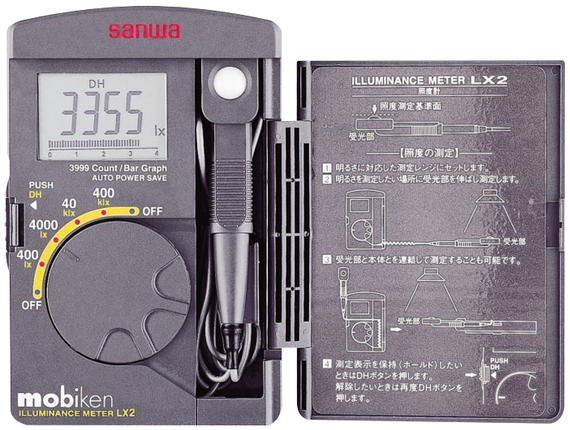


LASER POWER METER
POCKET-SIZE

LP1

Optical power max 40mW can be measured. Pocket-size Laser Power Meter. Best for check and maintenance of laser devices. LP1 (standard type) can carry out direct reading measurement (633nm of He-Ne laser reference wavelength) of the optical power of visible laser, such as a laser pointer and a light pick up of DVD player. And using a conversion table of spectral sensitivity characteristic (representing value), the meter can measure wavelengths from 400nm to 1100nm as rough readings.

- Reference wavelength: 633nm
- Wide optical power measurement range: 0.01μW ~ 39.99mW
- Si photodiode (ø 9mm) used for direct input sensor
- Sensor probe can be stored in a main unit
- MAX hold / MIN hold function
- Auto Power Save function



ILLUMINANCE METER
POCKET-SIZE

LX2

LX2 is the Illuminance Meter, which can be broadly, easily used by the simple operation from the check of brightness in any environment of everyday life to illumination management or maintenance of office, factory, or even agricultural forestry, etc.

- Small sensor (ø 9mm) and thin stick probe can be put at narrow space easily.
- 3999 count with bar graph
- Measurement from 0.1lx to 399.9lx (399900lx)
- Data hold function and Auto Power Save function