

kaise

DIGITAL LIGHT METER
NEW **KG-75**

www.kaise.com



For Illuminance Testing for Indoor Facilities !

- ❖ Full-Auto Ranging.
- ❖ Backlight LCD for Easy Reading Even in Dark Places.
- ❖ Rubber Grip Neatly fit in your Hand.
- ❖ MAX/MIN Measurement.
- ❖ Display Hold.



KG-75

Backlight LCD

Easy reading even in the dark places.



Full-Auto Ranging

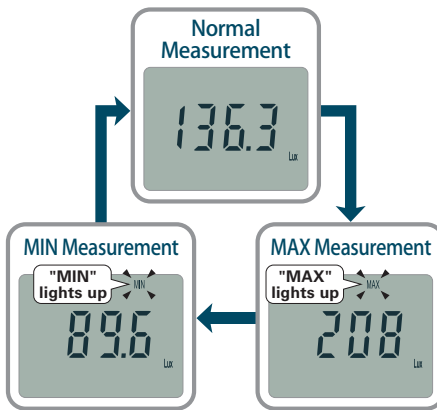
Easy range selection without any settings.

Display Hold

Freeze the readings by pressing HOLD Key.

MAX/MIN measurement

Display should change as following by pressing MAX/MIN Key.



Auto Power Off

Power turns off automatically after approx. 5 minutes of last operation.

Rubber Grip

Side rubber assures good grip neatly fit in your hand.



Two Measurement Units

Lux and Fc (foot-candle) are selectable.

9V 6F22 Battery x 1 (Installed)

Measurement Procedures

- ① Press POWER Key and turn the power on.
- ② Remove the sensor cap.
- ③ Hold out the sensor to the object to be measured.
- ④ Read the measurement value on LCD.

LCD shows x10 sign when measurement value exceeds 9999Lux.

Example : 56180Lux



Measurement units

1Lux : Equal to one lumen per square meter.

1Fc : Equal to one lumen per square feet.

1Lux \approx 0.09290Fc 1Fc \approx 10.764Lux



GENERAL SPECIFICATIONS

DISPLAY (LCD)	11mm high
SENSOR	Silicon photodiode and filter
MEASURING RANGE	0 to 99990Lux, 0 to 9999Fc ×10 sign when exceeding 9999Lux Example : 99990Lux → display 9999 and ×10
RANGE SELECTION	Auto Ranging
OVERRANGE INDICATION	"OL" appears when the upper limit of measuring range is exceeded
SAMPLING RATE	2.5 times/second
BATTERY WARNING	"" indication at approx. 6.8V or less
DISPLAY HOLD	Hold indicating values by HOLD Key
AUTO POWER OFF	Power turns off automatically after approx. 10 minutes (cancelable)
OPERATING TEMPERATURE & HUMIDITY	0°C to 40°C, less than 80%RH in non-condensing
STORAGE TEMPERATURE & HUMIDITY	-10°C to 50°C, less than 70%RH in non-condensing
ALTITUDE	Up to 2000m
POWER SUPPLY	9V 6F22 x 1
POWER CONSUMPTION	Normal : 3mA, With LCD Backlight : 4mA

OPERATING POWER SUPPLY VOLTAGE	approx. 6.8V to 9.6V
CONTINUOUS OPERATING TIME	approx. 60 hours
DIMENSIONS	192(H) x 67(W) x 44(D)mm
WEIGHT	Approx. 198g (include battery)
ACCESSORIES	9V 6F22 Battery x 1(Installed), Instruction Manual
OPTIONAL ACCESSORIES	1026 Carrying Case
FUNCTIONS	Backlight, MAX/MIN, Display Hold, Auto Power Off

MEASUREMENT SPECIFICATION

(23°C ±5°C, <80%RH in non-condensing)

Range	Accuracy	Resolution
0.00 to 19.99Lux	0 to 300Lux : ±6% ±3dgt	0.01Lux
20.00 to 199.9Lux		0.1Lux
200 to 9999Lux	301 to 4000Lux : ±6% 4001 to 99990Lux : ±10%	1Lux
1000x10 to 9999x10Lux		10Lux

ANGLED INCIDENT LIGHT CHARACTERISTICS : not specified

TEMPERATURE COEFFICIENT : Accuracy at 23°C ±5°C x 0.1/°C

DISTRIBUTOR

kaise

www.kaise.com

KAISE CORPORATION

422 Hayashinogo, Ueda City, Nagano Pref., 386-0156 Japan

Telephone : +81-268-35-1601 Fax : +81-268-35-1603

E-mail : sales@kaise.com