



# LIGHT METERS AND SOLAR IRRADIANCE METERS



## LIGHT METERS AND SOLAR METERS



HT309



HT204

MAIN MEASUREMENTS	LIGHT METERS	SOLAR METERS
Measuring range	0.01 ÷ 400klux 0.01 ÷ 40kFc	1 ÷ 1999W/m <sup>2</sup> 1 ÷ 634 BTU/(ft <sup>2</sup> *h)
Measurement of illuminance in Lux/Fc	•	-
Measurement of LED sources' illuminance	•	-
Luminous intensity measurement (Cd)	•	-
Solar irradiation measurement W/m <sup>2</sup> and BTU/(ft <sup>2</sup> *h)	-	•
ADDITIONAL CHARACTERISTICS		
Internal memory for measured data saving	• (Max 99 locations)	-
Zeroing	•	•
Manual measuring range	-	•
Autorange	•	-
Data HOLD	•	•
MAX/MIN/AVG	•	• No AVG
Selection of measuring unit	•	W/m <sup>2</sup> - BTU/(ft <sup>2</sup> *h)
Auto Power OFF	•	-
Reference standard	Class A JIS C 1609:1993, CNS 5519	-
Power supply	1x 9V	1x 9V
Size (LxWxH) (mm)	185x60x40	130x55x38
Weight (batteries included):	180g	150g
<b>Order code</b>	<b>HA003090</b>	<b>HA000157</b>



ORDER CODE **HA003090**

# HT309

MOBILE DIGITAL LIGHT METER

Model **HT309** is a **digital light meter** for measuring illuminance up to **400kLux** through a silicon photodiode sensor. This model also allows measuring **illuminance of LED sources** with various colours by setting the **relevant correction factors**, measuring **luminous intensity** (expressed in Candles) and **saving results in the internal memory**.



ORDER CODE **HA000157**

# HT204

PORTABLE SOLAR METER

HT204 is a **digital solar irradiance meter** for measurements of **solar irradiation** up to **2000W/m<sup>2</sup>**, which can be used as an inspection device, typically in **photovoltaic installations**.

## Functions and characteristics

- Measuring range of Illuminance (Lux/Fc): 0.01 ÷ 400kLux; 0.01 ÷ 40kFc
- Luminous intensity measurement (Cd)
- Measurement of LED sources' illuminance
- Basic accuracy: ±3%reading
- Zeroing: Digital
- Autorange
- Spectrum response correction
- Data HOLD, MAX/MIN: also AVG
- Internal memory
- Auto Power OFF
- Reference standard: Classe A JIS C 1609:1993 + CNS 5119

## Included accessories

- Soft carrying bag
- Test certification
- Battery
- User Manual

## Functions and characteristics

- Measuring range: 1 ÷ 1999W/m<sup>2</sup> 1 ÷ 634 BTU/(ft<sup>2</sup>\*h)
- Resolution: 1W/m<sup>2</sup> 1BTU/(ft<sup>2</sup>\*h)
- Accuracy: > between 10 W/m<sup>2</sup> and 5%reading  
> between 1BTU/(ft<sup>2</sup>\*h) and 5%reading
- Selection of the measuring unit: W/m<sup>2</sup> and BTU/(ft<sup>2</sup>\*h)
- Zeroing: Manual with trimmer
- Manual change of scale
- Data HOLD / MAX/MIN

## Included accessories

- Transport case
- CE declaration of conformity
- Battery
- User Manual