


INTRODUCTION

Model 1300 is a Stable, Safe, Reliable Mini Digital Light Meter, widely used in Lightening Enterprises, Agriculture and Animal Husbandry, Mining Enterprises, Laboratory, Office, Household Street lights construction and others.

- 4 Digits Backlit LCD Display
- MAX – MIN Record Function
- Data Hold
- Auto Power Off
- Low Battery Indication
- Measures in Lux and in Foot Candle

GENERAL TYPE

- LCD display : 4 digits LCD display. The max display is 9999.
- Overload indication : When illumination is over 199,999 Lux, "OL" will be displayed.
- Battery low power display : Prompt "  ". New battery should be replaced in time.
- Sampling rate : 2/s.
- Sensor type :Silicon photocell.
- Impact strength : Can withstand the impact of landing from 1 meters height.
- Battery requirement : 1.5V batteries (AAA) x3
- Product size : 160 x 50 x 28mm
- Weight : 118g

ENVIRONMENT SPECIFICATION

- Indoor use
- Maximum operating height : 2000m
Safety : EN61326-1
- Pollution level : 2
- Working temperature and humidity : 0°C ~ 40°C (not greater than 80%RH) 40°C ~ 50°C (not greater than 45%RH)
- Storage temperature and humidity : -20°C ~ 60°C (not greater than 75%RH)



*Technical Specifications & Appearance are subject to change without prior notice

ELECTRICAL SPECIFICATION

- **Accuracy** : 0 ~ 9999 Lux, $\pm(4\%rdg + 8dgt)$
 ≥ 10000 Lux, $\pm(5\%rdg + 8dgt)$
- **Environment temperature** : $23^{\circ}C \pm 3^{\circ}C$
- **Environment humidity** : $\leq 80\%RH$

TECHNICAL SPECIFICATION

1. Wind Speed and Temperature

Function	Range	Resolution	Accuracy	Description
Illumination	0 ~ 9999 Lux	1 Lux	$\pm(4\%rdg + 8dgt)$	(regulate in the standard of 2856K color temperature flat lamp) Note: 1FC=10.76 Lux
	≥ 10000 Lux	10 Lux	$\pm(5\%rdg + 10dgt)$	
Range	0 ~ 199, 999 Lux			Auto-ranging
Sampling Time	0 ~ 12		0.5s	Refresh sampling in 0.5s
Overload Indication			OL	Shows "OL".
MAX/MIN Measurement			MAX/MIN	Shows "MAX/MIN".
Data Hold			HOLD	Shows "HOLD"
Backlight			BL	Manually ON and OFF.
Auto Power off			5mins	Automatically power off after 5mins without operation.
Low Battery			3.0 ~ 3.5V	Shows low battery prompt when power is 3.0 ~ 3.5V.



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