wintact®

The digital luxmeter is a professional instrument for measuring illumination and brightness, which can be used in light intensity measurement engineering, qua-lity control, illness prevention and treatment and measurement of light intensity in all kinds of environments such as factories, schools, offices, transportation routes, families, etc.
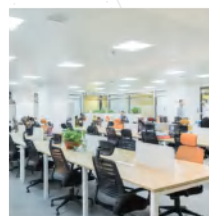
Application

Factory

Home

Office

School

Function

	WT81	WT81B
Measure current illumination and temperature	√	√
Measure difference value, max value and min value	√	√
Switch between illumination and temperature unit	√	√
The measurement range is (0~200000) lux, auto switch of measurement gear	√	√
Automatic storage and manual storage of illumination data	√	√
Setting of automatic power off	√	√
Backlight and data holding	√	√
Bluetooth	×	√

Specification

Measuring function	Illumination and temperature, difference value,max value, min value of illumination
Main parts of photometer head	Photodiode+cosines corrector+correction filter
Temperature probe	NTC thermistor
Illuminance measuring range	Total measuring range:0~200,000 Lux,into four ranges ×1:0 ~ 199.9 Lux ×10:200 ~ 1999.9Lux ×100:2000 ~ 19999.9Lux ×1000:20000 ~200000Lux
Temperature measuring range	-9.9℃ ~ 49.9℃
Illuminance accuracy	±3%rdg (below 10000 Lux) ±4%rdg (above 10000 Lux)
Temperature accuracy	±1.0 ℃
Units of illuminance and temperature	Four combinations of units are available Lux/°C Lux/°F FC/°C FC/°F
Storage of illumination data	Automatic storage — Max number of data groups is 1000, and storage cycle is set by APP (WT81B) Manual storage — Max number of data groups is 67,and whether to store data is deceived by manual operation.
Operating temperature/ humidity	0 ~ 40℃, 10 ~ 90%RH
Storage temperature/ humidity	-10 ~ 50℃, 10 ~ 90%RH
LCD screen update	2 times/s
Power source	3* 1.5V AAA batteries

Photosensitive head

Back screw female design

☑ WT81
☑ WT81B