

Window Tint Meter AT-171/AT-172/AT-173

The Amittari Window Tint Meter is applicable to measure the transmittance of all kinds of transparent, translucent samples with parallel plane (such as automobile manufacturing, aerospace, glass products, plastic sheet, sheet, etc). Also can be used to determine the turbidity or clarity of liquid sample (water, drinks and so on). This Meter is a hand held device that measures the amount of light that passes through a window. Technology is designed in accordance with GB 2410-80, ASTM D1033-61, JIS K7105-81 and other standards.



Features

Model	AT-171	AT-172	AT-173
Wired Sensor	●	-	-
Wireless Sensor	-	●	-
Rotatable Sensor	-	-	●
Ultraviolet Measurement	-	-	●
Visible Light Measurement	●	●	●
Infrared Measurement	-	-	●
Backlight Display	●	●	●
Buzzer Sound Reminder	●	●	●
Manual/Auto Power Off	●	●	●
Low Battery Indicator	●	●	●
Computer Connection	●	●	●

Specifications

Model	AT-171	AT-172	AT-173
Measurement Range	0~100%		
Resolution	0.1		
Light Source	LED		
Sample Thickness	Less than 18mm (0.7")	Less than 18mm (0.7")	Less than 10mm (0.4")
Accuracy	±2%	±2%	±2%
Measurement Mode	Visible Light Measurement	Visible Light Measurement	Visible Light Measurement
	-	-	Ultraviolet Measurement
	-	-	Infrared Measurement
Ultraviolet Wavelength	-	-	Light Measurement Cycle
Visible Light Wavelength	550nm	550nm	380nm
Infrared Wavelength	-	-	380-760nm
Sensor Rotation Angle	-	-	Central Wavelength 950nm
Operation Temperature	0~50°C (32~122°F)		
Operation Humidity	<90%		

Specifications

Model		AT-171	AT-172	AT-173
Power Supply	Main Unit	4x1.5V AAA Um-4 Battery	2x1.5V AAA Um-4 Battery	4x1.5V AAA Um-4 Battery
	Light Emitter	-	2x1.5V AAA Um-4 Battery	-
Size	Main Unit	140 x 70 x 30mm (5.5 x 2.8 x 1.2")	141 x 65 x 38mm (5.6 x 2.6 x 1.5")	184 x 70 x 30mm (7.2 x 2.8 x 1.2")
	Sensor	125 x 38 x 38mm (4.9 x 1.5 x 1.5")	70 x 62 x 52mm (2.8 x 2.4 x 2.0")	-
Weight (Without Battery)		130g (4.59oz)	290g (10.23oz)	160g (5.64oz)
Standard Accessories		Main Unit		
		-	Light Emitter	-
		Testing Block		
		Carrying Case		
		Operation Manual		
Optional Accessories		USB Cable & Software		
		Bluetooth Adapter & Software		

Data Statistics Software

This powerful software provides the user with the means to analyze their test results. Through continuous inspection data statistic will help you to reduce re-work and scrap levels - increasing your profits and quality. With the computers and printers, the following functions can be realized:

- Data Management (Excel file output)
- Charting
- Printing



Data Transmission Methods

There are two ways to transmission measurement data:

- USB Data Cable wired output
- Bluetooth Adapter wireless output

By these two ways above, data transmission from the gauge to computer can be realized.

Among them, there are two optional Bluetooth adapters: 10 meter Bluetooth adapter and 100 meter Bluetooth adapter.

