

# AMITTARI INSTRUMENTS

## Lux Meter

The Amittari Lux Meter is a specialised instrumentation measuring luminosity, brightness, widely used in electro-optical sources, research teaching, metallurgy building, industry inspection as well as agriculture researching and illumination control.

- Backlight Display
- Buzzer Sound Reminder
- Max. Value Hold Function
- Manual/Auto Power off

- Low Battery Indicator
- Real time measurement reading transmission function
- Computer Connection



## Specifications

Model		AL-161	AL-162	AL-161L	AL-161R
Display		LCD			
x1 Grade	Range	0.1~500.0 Lux		0.01~50.00Lux	
x10 Grade	Range	500.0~5000 Lux		50.00~500.0 Lux	
x100 Grade	Range	5000~200000 Lux		500.0~20000 Lux	
Foot Candle	Range	0~20000 FC		0~2000 FC	
Accuracy		±(4%n+5d)	±(8%n+5d)	±(4%n+5d)	
Operating Conditions		Temperature: 0~50 °C (32~122 °F) Humidity: <80 %RH			
		4x1.5V AAA (UM-4) Battery			
Dimensions	Main Unit	140x70x31 mm			
	Sensor	96x58x16mm	56xφ58mm	96x58x16mm	
Weight (Including Batteries)		200 g			
Standard Accessories		Main Unit			
		Split Type Sensor	—	Split Type Sensor	
		Operation Manual			
		Carrying Case(B04)			
Optional Accessories		USB Data Cable with Software			
		Bluetooth Data Adapter with Software			
		all-in-one machine	separate-type air conditioner	all-in-one machine	

## Reference Tables For Commonly Used Standard Illumination

Adequate Light Levels For Work Area															
Luxes	10000	5000	3000	2000	1500	1000	750	500	200	150	100	75	50	30	20
Factory			Electronic Parts Assembly Line	Drafting	Type Setting	At Printing Shop	Visual Work At Production Line	Packing Work	Exit Entrance Passage				Indoor Emergency Stairs Warehouse Loading Or Unloading Work		
Office			Typing	Drafting	Clerical Work		Conference Room	Dinning Room	Reception Room	Corridor	Stairs	Entrance Warehouse	Indoor Emergency Stairs		
Home			Sewing		Reading	Study	Make Up	Dinning Table	Recreation Alactivities	Washing					
Store		Forefront of Show Window	Show Window	Packing Table	Elevator	Display Stand	Reception Room	Corridor	Stairs	Indoors					
Hospital	Eye Inspection		Operating Room	Emergency		Medical Examination Room	Dinning Room	Waiting Room	Sick Room	Warehouse	Stairs	Emergency Stairs			
School			Drafting Room	Library		Class Room		Indoor Gymnaym Wash Room	Auditorium		Emergency Stairs				
Restaurant			Show Room		Cooking Room	Dinning	Entrance Wash Room		Corridor	stairs					
Barber Beauty Parlor			Hair Dyeing	Wakeup	Hair Dressing	Shaving	Hair Washing	Dressing							