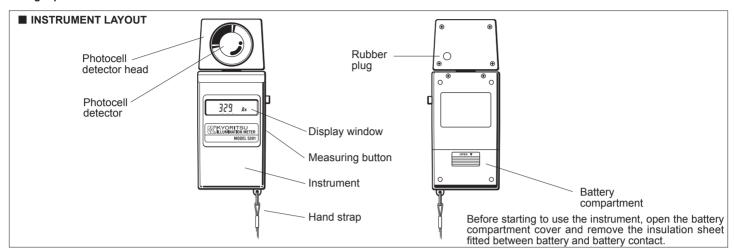
DIGITAL ILLUMINATION METER MODE

Congratulations on your choice of the KYORITSU Digital Illumination Meter Model 5201, a portable and compact photocell illuminance meter for measuring from 0.1 to 19.990 Lux with auto range switching.

Please read the instructions manual completely before you touch the instrument so that you will be able to use it with greater efficiency over a longer period of time.



ACCESSORIES

The Model 5201 Digital Illumination Meter includes:-

 (1) Photocell cover (2) 9 volt dry battery(006P) (3) Soft carrying case (4) Instruction sheet 	1each 1each 1each 1each
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SPECIFICATIONS

Measurement range	0.1 to 19.990 lux	
Range settings	Automatic 3 range switching	
Accuracy	±5% of reading and ± 1 digit	
Measuring time	3 times per second	
Temperature-humidity characteristics	±3% (at 20°C)	
Spectral response characteristics	Closely related to the spectral luminous efficiency (of a standard observer).	
Angular incident light characteristics	Closely related to the Lambert's cosine law.	
Power source	6F22 battery or equivalent, or DC external power source.	
Operating conditions Temperature range Humidity range	5°C to 35°C 45% to 85%	
Dimension	68×166×32mm	
Weight	180 grams (including battery)	

FEATURES

The range setting is switched automatically so that you do not require any switching.

The reading on LCD is held for a preset time (about 20 seconds) so that you can read the measurement value easily,

Auto Power-Off system is incorporated in the instrument (for automatically switching off the battery) for a longer battery life. (If the instrument is used intermittently for about one or two hours per day, it should be possible to use a fresh battery for about 1000 hours.)

WARNING

- (1) When the measuring button is depressed, "..." should be displayed.
 - This will be an indication that the battery is getting weak and should be replaced

Use a 9 volt battery and be sure to replace battery with correct polarities.

- (2) A "---" display will appear when the range is switched. However, if the display should continue to appear for more than 3 seconds, this will indicate overranging and measurement are not possible.
 (3) Always remember to put the rubber plug back correctly atter zero
- adjustments.
- (4) Do not expose the photocell detector to excessive illumination when it is not being used, as this will lead to deterioration of the meter sensitivity. Always remember to cover the photocell detector when the instrument is stored.
- (5) Keep the photocell detector clean because light transmission will be obstructed and will be reading errors. Always wipe the surface clean with a soft and dry cloth, when the

detector is covered with dust and/or dirt.

- (6) Protect the instrument from impact and vibrations as the instrument could be damaged.
- (7) Do not wipe the plastic instrument body with any chemical solution such as acetone, ketone, thinner, etc., and do not expose the instrument to temperature of more than 60 °C
- (8) The instrument should be calibrated once a year or so for the accurate measurement.

(9) Do not open the instrument for repair and calibration exceeding described in this manual or KYORITSU will not accept the instrument under the warranty.

Please contact the KYOR ITSU distributor for instructions when the instrument seems not be working correctly or when calibration is required.

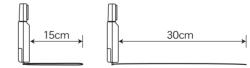
(10) When storing the instrument in the carrying case, put in the manner illustrated with the measuring button located on the cover side so that it will be positioned

between the pads on the inside of the cover. Otherwise, the button could become depressed (i.e., switched ON), which the battery would be exhausted.

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OPERATIONS

- Take the instrument out of the soft carrying case.
- Put the photocell detector cover by hand completely so that no light can reach to the detector.
- Depress the measuring button for about two seconds. Check whether the digital display is "00.0" and make sure that an indication of low battery power "..." is not displayed. (3) Take of the photocell detector cover and place the photocell detector
- to the surface being measured to receive the incident light. Then press the measuring button for about 2 seconds.
- (4) When the digital display is stabilized, release the measuring button. Reading of the measurement on the display should be held or about 20 seconds for your easy reading and writing memo. The power will be automatically off after 20 seconds.
- (5) The measuring button has to be depressed while the previous reading is being held, a new digital display will appear for the illuminance of the incident light at the time.
- (6) The hand strap on the instrument can be used for setting the measuring distance. Unhooking one end of the strap and extending it will work as scale for 30 centimeters.
 - If the strap is used without unhooking it, the strap can be utilized as a scale for 15 centimeters.



CAUTON

If the digital display does not become "00.0" in (2) above, zero adjustment will be required. Detach the rubber plug on the rear surface of the instrument. While depressing the measuring button, turn the adjustment knob by using a screwdriver so that the display indicates "00.0". Dut the utber the the display indicates 00.0". Put the rubber plug back after adjustments are finished.



BEAUTY SALON BARBAR SHOP **CONCERT HALI** RESTAURANT INN, HOTEL LUXES (Ix) HOSPITAL FACTORY SCHOOL STORE OFFICE THEATRE 3,000 Most important part of display 2,000 Extra fine visual work 1,500 Hair dressing, Hair dyeing Hair cut, Shaving Hair set, Make-up Shampooing, Register Emergency room Operating room -1,000 Front desk Counter, Office Important part of display, Register, Packaging stand Negotiation room Drawing room Entrance hall (day-time) Director room Sample case Drawing room Design room 750 Consultation room Nurse station Pharmacist office Pharmacist's office General examination room Physiological examination Physiological examination Funeral chapel Clothing classroom, Electronic computer room re Experimental laboratory Reading room Healthcare room Council room Electronic computer room Reception room Guard station Cookroom Dining table Counter Cuisine Guest room desk Lift lobby, Escalator Ticket office 500 Inquiry office, Dining room Night-duty room X-ray room Physiotherapy room, Exercise machine room Night-duty room Endoscopy room, X-ray fluoroscopy room Classroom, Faculty room, Dining room, Gymnasium Stair Night-duty room Stall, Green room Monitoring room Carriage porch Dining room Register 300 Nursery room Waiting room Visiting room Passage for outpatients m Changing room, lavatory m Hospital charts room n Toilet Spectator seats, Lobby Electric room Mechanical room lavatory, Tollet ¹ Library, Tearoom Dressing room Toilet, lavatory Waiting room Guest room lavatory, Toilet Locker room lavatory, Toilet Control room, Electric room Reception room lavatory, Toilet Banqueting hall, Salle Lobby, lavatory, Toilet room Auditorium, Assembly Air conditioning machine room, lavatory, Toilet Toilet inside the shop 200 Stair Stair Stair Stair Theatre basement work room Stair Stair Stair 150 Game room, Guest room, Entrance, Passage, Bathroom Undressing room Entrance Passage Path Warehouse Entrance Resting room Projection room Passage Ward Porch, Passage Passage, Resting room Passage Passage Warehouse, Lift, Passage 100 Important parts of garden Ophthalmic dark room 75 Indoor emergency staircase Indoor emergency staircase Emergency staircase 50 80 Monitoring room (during performance) 20 15 Projection room (during performance) 10 (JIS Z9110-2010) V

ADEQUATE LIGHT LEVELS FOR YOUR WORKING OR AT YOUR WORK AREAS.