



# PHOTOELECTRIC COLORIMETER

# AP-101



\* **HIGH ELECTRIC STABILITY**

A new type of silicon photo-diode brings high electric stability that offers accurate analysis.

\* **DIRECT READING OF CONCENTRATION**

By setting the concentration with standard value, the concentration value of each sample can be read directly.

\* **LONG-LIFE SPAN OF THE LAMP AND FLEXIBLE POWER SOURCE**

Life span of the lamp is long approx. 10,000 hours in normal use and power source regulator stabilizes at wide range of AC from 100 to 240V automatically.

\* **SQUARE AND ROUND CUVETTE USABLE**

In addition to square cuvettes, round cuvettes can also be used only by fitting out with a supplied adapter.

\* **THE SMALLER SAMPLE VOLUME**

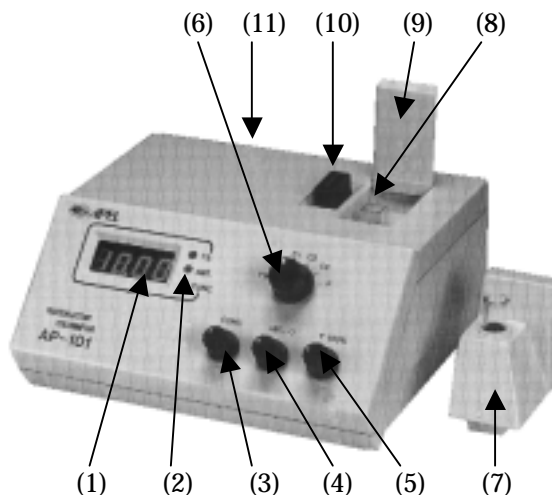
The minimum sample volume is only 1.0mL.

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## AP-101

- (1) Digital Indicator
- (2) LEDs for Selected Mode
- (3) Concentration Knob
- (4) Absorbance Knob
- (5) T-100% Knob
- (6) Mode Selection Knob
- (7) Round Cuvette Adapter
- (8) Cuvette Holder
- (9) Cuvette Holder Lid
- (10) Optical Filter
- (11) Power Switch (Back Side)



### SPECIFICATIONS:

Detector	Silicon photo-diode
Filter	Optical filter (420 460 510 540 600nm)
Light source	Tungsten lamp with lens 6V 0.23A
Indicator	3 1/2 digit LED
Photometric range	Transmittance(T%) 0 - 110%
	Absorbance (ABS) 0 - 1.999
	Concentration(C1) 0 - 9.99
	(C2) 0 - 99.9 (C3) 0 - 1999
Sample volume	1.0mL
Sample cuvette	Square 10 x 10 x 45mm
	Round 10(ID), 12(OD), 105(L)
Power source	100 - 240VAC, 50/60Hz 10W
Dimensions(main body)	220mm(W)x190mm(D)x96mm(H)
Weight	Net 2.0kg (Main body)

\* Specifications and/or appearance are subject to change without any prior notice.

### Standard Accessories:

Filter Set(420,460,510,540,600nm)	1 set
Square Cuvette	4 pcs.
Round Cuvette	2 pcs.
Round Cuvette adapter	1 pc
Power cord	1 pc
Analog output cable	1 pc
Vinyl dust cover	1 pc
Operation manual	1 copy

MANUF.

# APEL CO., LTD.

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Distributor