

Specifications

Cat.No.	3522
Measurement scale	Hydrogen peroxide(%) (Automatic Temperature Compensation), Temperature
Measurement range	Hydrogen peroxide 0.0 to 50.0% (indication: -3.0 to 51.0%), Temperature -15 to 160°C (indication: -15 to 160°C) / 5 to 320°F (indication : 5 to 320°F)
Resolution	Hydrogen peroxide 0.1% Temperature 1°C/1°F
Measurement accuracy	Hydrogen peroxide $\pm 0.6\%$ Temperature $\pm 1^\circ\text{C}/1^\circ\text{F}$
Automatic Temperature Compensation range	10 to 35°C
Temperature correction values	Based on the temperature correction table for Hydrogen peroxide. The values obtained at the ATAGO laboratories are used.
Output (Optional Cables)	① Recorder output: DC 4 to 20mA Any value up to Hydrogen peroxide 51.0% can be set. (The difference between the upper and lower limit values should be greater than 1.0%.) Temperature -15.5 to 160.5°C = 4 to 20mA ② RS-232C output
Source	LED (D-line approximation)
Temperature sensor	Thin film platinum sensor
Materials in contact with the solution	Prism : Artificial sapphire Prism stage : SUS316L
Resistible pressure on the prism unit	0.98MPa(10kgf/cm ²)
International Protection Class	IP67
Power supply	100 to 240V (50/60Hz) (voltage fluctuation not to exceed $\pm 10\%$) CM-800 α -H ₂ O ₂ : DC24V (Allowable fluctuation is $\pm 10\%$) AC adapter AD-32, AD-33 or AD-34 (optional): AC 100-240V 50/60Hz
Power consumption	3VA
Environmental conditions	Use the instrument at an altitude below 2,000m (above sea level). Use the instrument indoors. Use the instrument where the temperature is between 5 to 40°C. Use the instrument under the condition where humidity is 80% at 31°C or lower, falling linearly to 50% at 40°C. Main supply voltage fluctuation should not to exceed $\pm 10\%$ the nominal voltage. Installation categories (Overvoltage Categories) : II The pollution degree is 2 (according to IEC60664).