

CONDUCTIVITY METER



CONTACT US

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ABOUT THE COMPANY

iGene Labserve Pvt. Ltd. is gaining recognition by offering resilient, innovative solutions in laboratory instrumentation across healthcare, genomics, drug discovery, biopharma, and food & beverage sectors. We strive to enhance lab efficacy and reduce challenges through advanced technologies and a diverse product portfolio tailored to our customers' needs.

DESCRIPTION

The IG-CM Conductivity Meter is a precision instrument designed for accurate measurement of conductivity and temperature in liquids. It is ideal for laboratory, research, and industrial quality-control applications. The meter provides automatic calibration, auto-ranging conductivity measurement, and automatic temperature compensation, ensuring high accuracy and user convenience.

KEY FEATURES

- **Automatic Calibration:** Up to 5-point calibration using standard solutions.
- **Auto-Ranging Conductivity:** Automatically selects the optimal measurement range for best accuracy.
- **Automatic Temperature Compensation (ATC):** Ensures reliable readings even under varying temperature conditions.
- **Digital Display:** Clear, easy-to-read display for conductivity and temperature values.
- **Manual or Automatic Temperature Compensation:** Flexible operation based on user requirement.
- **Compact & Lightweight Design:** Suitable for benchtop laboratory use.

TECHNICAL SPECIFICATIONS

Parameter	Specification
Model No.	IG-CM
Conductivity Range	0.00 to 1.999, 19.99, 199.9, 1999 μ S; 19.99, 200.0 mS
Conductivity Accuracy	$\pm 1\%$ F.S.
Temperature Range	0 to 100 $^{\circ}$ C
Temperature Accuracy	± 1 $^{\circ}$ C
Temperature Coefficient	0 to 3.9% per $^{\circ}$ C
Calibration Points	1 point per range (up to 5 points total)
Calibration Solutions	10–17 μ S, 100–170 μ S, 1000–1700 μ S, 10–17 mS
Temperature Compensation	0 to 50 $^{\circ}$ C – Manual or Automatic
Power Supply	DC 9 V via AC Adapter (220 V AC, 50 Hz)
Dimensions (L×W×H)	210 × 205 × 65 mm



CONNECT WITH US

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