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www.zygon.ca

info@zygon.ca



ZCM-102 AAB

BENCHTOP CONDUCTIVITY
METER



Benchtop Conductivity Meter

- 1 to 3 points calibration with automatic recognition for conductivity standards
- Selectable cell constant, temperature coefficient and TDS conversion factor
- Automatic temperature compensation ensures accurate readings over the entire range
- Auto-Read function senses and locks the measurement endpoint
- Setup menu allows setting the number of calibration points, temperature unit, etc.
- Reset function automatically resumes all settings back to the factory defaults

Specifications

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Conductivity Range	0.01~20.00, 200.0, 2000 μ S/cm, 20.00, 200.0mS/cm
Conductivity Resolution	0.001, 0.01, 0.1, 1
Conductivity Accuracy	\pm 1% F.S.
Conductivity Calibration Points	1 to 3 points
Conductivity Calibration Solutions	10 μ S/cm, 84 μ S/cm, 1413 μ S/cm, 12.88mS/cm, 111.8mS/cm
TDS Range	0~10.00, 100.0, 1000ppm, 10.00, 200.0ppt
TDS Resolution	0.01, 0.1, 1
TDS Accuracy	\pm 1%F.S.
TDS Factor	0.1~1.0 (default 0.5)
Temperature Range	0~105°C/32~221°F
Temperature Resolution	0.1°C/0.1°F
Temperature Accuracy	\pm 1°C/ \pm 1.8°F

Temperature Offset Calibration	1 point, reading $\pm 10^{\circ}\text{C}$
Temperature Compensation	0~100°C, manual or automatic
Temperature Coefficient	Linear (0.0~10.0%/°C)
Reference Temperature	25°C
Cell Constant	K=0.1,1,10 or custom
Hold Function	Manual or auto-endpoint
Connector	6-pin mini-DIN, 3.5mm jack socket
Display	Custom LCD (120×60mm)
Power Requirements	DC9V power adapter
Dimensions	210(L)×205(W)×75(H)mm
Weight	1.5kg