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ANALYTICAL EXCELLENCE...

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Benchtop Conductivity / TDS / Salinity / Resistivity Meter

FEATURES:

- 1 – 5 points calibration with automatic recognition for conductivity standards
- Automatic electrode diagnosis shows calibration points and factors
- Selectable cell constant, reference temperature, TDS factor, linear and pure water compensations, seawater and practical salinity measurement modes
- Automatic Temperature Compensation ensures accurate readings
- Auto read function senses and locks the measurement endpoint
- Calibration reminder
- Setup menu allows setting the number of calibration points, stability criteria, temperature unit, date and time etc
- Reset function automatically defaults instrument to factory settings
- Expanded memory stores or recalls up to 500 readings
- USB communication interface for data transfer and timed interval readings

Accessories:

- Meter
- CON-1 conductivity electrode
- Temperature probe
- Standard solutions
- Electrode holder
- USB cable and power adapter



MODEL SPECIFICATIONS:

Model	MA-PH950
Conductivity Range	0.1~2μS/cm (CON-0.1, optional), 2~20mS/cm (CON-1, standard); 20~200mS/cm (CON-10, optional)
Conductivity Accuracy	±0.5% F.S
Conductivity Resolution	0.001, 0.01, 0.1,01
Conductivity Calibration Points	1 to 5 points
Conductivity Calibration Solutions	10μS/cm, 84μS/cm, 1413μS/cm, 12.88mS/cm, 111.8mS/cm
TDS Range	0~10.00, 100.0, 1000ppm, 10.00, 200.0ppt
TDS Accuracy	±1% F.S
TDS Resolution	0.01, 0.1, 1
Salinity TDS Factor	0.1 ~ 1.0 (default 0.5)
Salinity Range	0.00 ~42.00psu, 0.00~80.00ppt
Salinity Accuracy	±1% F.S
Resistivity Resolution	0.01
Resistivity Range	0.00~20.00MΩ
Resistivity Accuracy	±1% F.S
Temp. Resolution	0.01
Temp. Range	0~105°C / 32~221°F
Temp. Accuracy	±0.5°C / ±0.9°F
Resolution	0.1°C/0.1°F
Offset Calibration	1 point, reading ±10°C
Temp. Compensation	0~100°C manual or automatic
Temp. Coefficient	Linear (0.0~10.0%/°C), non-linear, pure water
Reference Temp.	20/25°C
Cell Constant	K=0.1, 1, 10
Stability Criteria	Low or High
Calibration Due Alarm	1 to 31 days or off
Calibration Factor Display	Yes
Hold Function	Manual or auto-endpoint
Memory	500 data sets
Communication Interface	USB

Connector	6-pin nimi-DIN, 3.5mm jack socket
Display	Custom LCD (125*100mm)
Power Requirements	DC5V power adapter
Dimensions (W*D*H) mm	210*188*60
Package Size (W*D*H) mm	310*240*180
Net Weight (kg)	1.5
Gross Weight (kg)	1.7