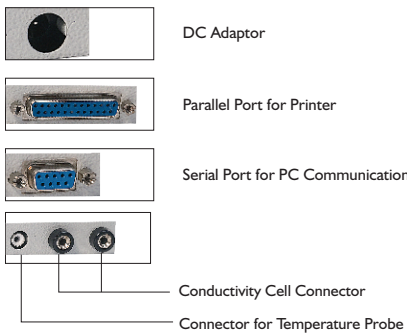


Conductivity / TDS / Resistivity / °C Analyzer
Model : μ ConCal₁₀₀ (Auto Ranging)



Back Panel View



Supplied with Conductivity Cell K = 1.0 & 0.1, Temperature Probe, Electrode Stand with Clamp, Dust Cover, DC Adaptor, Operational & Instruction Manual, Manufacturer Test Certificate and Warranty Card.

Technical Specification :

- Conductivity Range :** 0 to 20.00, 200.0, 2000 μ S/cm; 2 to 20.00, 200.0 mS/cm
- Conductivity Resolution :** 0.001, 0.01, 0.1 μ S/cm & 0.01, 0.001 mS/cm
- TDS Range :** 0 to 10.00, 100.0, 1000 ppm; 10.00, 100.0 ppt (1ppt= 10,000ppm)
- TDS Resolution :** 0.001, 0.01, 0.1 ppm & 0.001, 0.01ppt
- Resistivity Range :** 0 to 20.0, 200.00, 2000 K Ω ?; 2.00 to 100 M Ω ?
- Resistivity Resolution :** 0.001, 0.01, 0.1 K Ω ? & 0.001, 0.01 M Ω ?
- Range Selection :** Auto / Manual Ranging
- Temperature Range :** 0 to 130.0°C
- Temperature Resolution :** 0.1°C
- Temp. Compensation :** Automatic & Manual
- Temperature Coefficient :** 0-10.000% per °C (Adjustable)
- Suitable Cell Constant :** 0.1, 0.5, 1.0 K
- Adjustable Cell Constant :** 0.09 to 1.1 K
- Cond. to TDS Conv. Fac.:** 0.40000 to 1.00000 (Adjustable)
- Backlit LCD Display :** 20 x 2 line Alphanumeric
- Printer Capability :** Parallel Port
- Power Requirement :** DC Adaptor

Salient Features : Auto Ranging, Auto Calibration, Self Diagnosis, Scrolling Display of Conductivity at 25°C, Conductivity actual Temp. TDS & Resistivity, Parallel & Serial Port for 80 column Printer & PC attachment, Report Formation as per GLP Compliance, More than 150 analysis data with corresponding Calibration date, Batch No., Real Date & Time, Operator Name, Sample Name, Searching of data as per Batch Number, Results Hold / Un-Hold Facility and many more.

Optional for μ ConCal₁₀₀ : RS-232 to USB Interface with Cable & Driver Software to Transfer Data From Instrument to PC

Error Message :

Bad Cell / Standard ▪ Temperature Probe ▪ Range Suggestion, in Manual Mode

Optional

- * IQ/OQ/PQ/DQ Documentation
- * NIST Traceable Standard for Conductivity & TDS
- * Customized Electrodes
- * GMP Model on Request
- * Calibration Certificate with Tracability

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COMPANY NAME           : ANALAB (VADODARA)
REPORT PRINT DATE & TIME : 30-JAN-2010 z 11:02

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CALIBRATION REPORT
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CALIBRATION DATE & TIME : 28-JAN-2010 - 10.36
CELL CONSTANT           : 01.000
CALIBRATION RANGE       : 3: 200mS to 2mS
STANDARD SOLUTION CONDUCTIVITY : 00001.00 mSm
MEASURED CONDUCTIVITY   : 00992.843 mSm
CAL. FACTOR             : 1.0072

ANALYSIS REPORT
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ANALYSIS DATE & TIME    : 28-JAN-2010 - 10.45
BATCH/ID NUMBER        : AAAAAAAAAA
SAMPLE NAME            : AAAAAAAAAAAAAAAAAAAAAA
USER NAME               : AAAAAAAAAAAAAAAAAAAAAA
CONDUCTIVITY           : 1000.0 mSm at 025.0°C
CONDUCTIVITY           : 1000.0 mSm at 025.0°C
TDS                    : 0500.0 ppt
RESISTIVITY            : 0999.0 Ohm

Signature              :

Analysis done on MicroConCal100.
Instrument Sr. No.     : 2009-10/1455
    
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