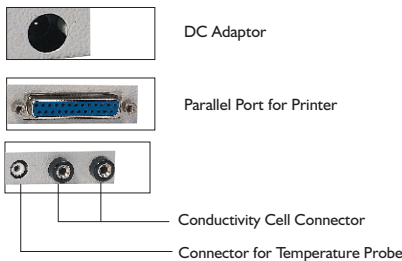


## Conductivity / TDS / °C Analyzer Model: $\mu$ ConCal<sub>10</sub> (Auto Ranging)



Back Panel View



Supplied with Conductivity Cell K = 1.0, 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  $\mu$ S/cm; 2 to 20.00, 200.0 ms/cm

**Conductivity Resolution :** 0.001, 0.01, 0.1  $\mu$ S/cm & 0.01, 0.001 mS/cm

**TDS Range :** 0 to 10.00, 100.0, 1000 ppm; 10.00, 100.0 ppt (1 ppt = 10,000 ppm)

**TDS Resolution :** 0.001, 0.01, 0.1 ppm & 0.001, 0.01 ppt

**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 :** 16 x 2 line Alphanumeric

**Printer Capability :** Yes - Parallel Port

**Power Requirement :** DC Adaptor

**Salient Features :** Auto Ranging, Scrolling Display of Conductivity at 25°C, Conductivity at actual Temperature & TDS, Auto / Manual Temperature Compensation, Last Calibration Data storage with date and reading, Current Analysis Data Printing Facility with Calibration data, 10 analysis data storage with corresponding Calibration data etc.

### Error Message :

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

```

COMPANY NAME           : ANALAB (VADODARA)
REPORT PRINT DATE & TIME : 02-FEB-2010 - 19:01

CALIBRATION REPORT
-----
CALIBRATION DATE & TIME : 02-FEB-2010 - 18.59
CELL CONSTANT           : 01.000
CALIBRATION RANGE       : 5: 20mS to 200mS
STANDARD SOLUTION CONDUCTIVITY : 00100.00 mSm
MEASURED CONDUCTIVITY   : 00078.609 mSm
CAL. FACTOR             : 1.2721

ANALYSIS REPORT
-----
ANALYSIS DATE & TIME    : 02-FEB-2010 - 19.00
BATCH/ID NUMBER        : AAAAAAAAAA
SAMPLE NAME            : AAAAAAAAAAAAAAAAAA
CONDUCTIVITY           : 100.0 mSm at 025.0°C
CONDUCTIVITY           : 100.0 mSm at 025.0°C
CONDUCTIVITY TO TDS FACTOR : 0.50000
TDS                    : 050.13 ppt

Signature              :
Name                   :

Analysis done on MicroConCal10.
Instrument Sr. No.     :
    
```