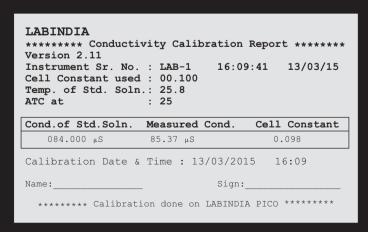
PICO⁺ Conductivity Meter



LABINDIA offers the perfect choice of a bench -top conductivity meter for measurements in the laboratories - whether routine or at R & D level. The conductivity meter offers better operating comfort and measuring confidence in all areas of application. Due to user selective temperature function, instrument calculates the conductivity at the reference temperature 25 +/- 0.1°C with linear function.

Conductivity is an important factor in water analysis for quality of drinking water, direct ionic concentration measurement in pharmaceutical preparations, waste water treatment plants, pollution control in lakes & rivers, boiler feed water and oceanography to determine salinity and TDS.



Memory Pı	rintout		11:15:25 13/03/201
KOEHLER PHARMA		Condi	uctivity Report
	ID.No.	Sample Name	Cond.
Temp			μ
1 23.7	501	KCL 0.0001 N	146.9µ S
2 23.7	502	KCL 0.0001 N	147.0 S
Signature		Analy	sis done on LABINDIA PIC
Online Printout			11:15:25 13/03/201
KOEHLER PHARMA		Condu	uctivity Report
	ID.No.	Sample Name	Cond.
Temp			
a	· · · · · · · · · · · ·	3 1	sis done on LABINDIA PIC



Features

- Advanced micro controller based user-friendly state-of-the-art design.
- Complies with USP and DIN standards.
- Sleek moulded cabinet with alphanumeric splash waterproof polyester keyboard with soft keys.
- User interactive software in dialogue mode for ease of operation with protection against invalid entries.
- 20 x 2 line back lighted LCD display.
- Measurement Modes: Conductivity, TDS, Salinity (optional) and temperature.
- Simultaneous measurement of conductivity and temperature.
- Non-volatile memory storage of conductivity. TDS and salinity 40 readings each with temperature in pre-selected GLP or Non-GLP format.
- Password protection for calibration data and stored readings.
- Calibration data with date stamp for authentication.
- Calibration reminder alarm.
- Alphanumeric entries of sample name, identification number for authentication.
- Automatic Range selection for faster measurement from 0.01µS to 199.9mS with conductivity cells having constants 0.1, 1.0 and 10 K.
- Automatic evaluation of CELL constant with standard solution.
- User selectable temperature coefficient for automatic temperature compensation, through special TEMPCO key.
- Input stability indicator for reproducible results.
- Built-in-real time clock (RTC) for time display and on report printout.
- · Factory entered CUSTOMER NAME on report printouts for authentication.
- Error indication helps user to trace the problem.
- Audible beep indication during valid key operation.
- · PC compatibility for data downloading (Optional) Combined pH and conductivity instrument is available

Typical Specifications

Conductivity Measuring

Autoranging 0.01uS/cm to 199.9 mS/cm. Range

(Depending on the cell used 0.1/1.0/10 K)

Resolution 0.01 (displayed)

Accuracy 0.5%

Temperature

Temperature Range 0 to 150°C 0.1°C Resolution Relative accuracy +/- 0.2°C RTD Pt100 Sensor

Temp. compensation Automatic / Manual

Display 20 x 2 line back lighted LCD display

Keyboard Alphanumeric splash waterproof polyester

soft keys

Report format (a) Calibration report

(b) Report of all selected Conductivity.

TDS and Salinity readings

Input 2 - Banana socket for conductivity electrode,

1-ATC-PT100

Output

a) Printer Parallel Port b) RS 232C PC connectivity

Environmental Operating Conditions

a) Operation Indoor

b) Temperature Ambient to 45°C

c) Relative humidity 5 to 90% non-condensing **Power Requirement** 230 Vac, +_10% / 50Hz., 10 W **Dimensions** 305 x 220 x 70mm (W x D x H)

Weight 2.2 kgs



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