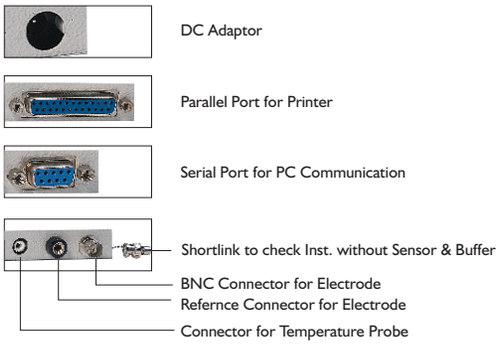
ANALAB™

www.analab.co.in

pH/mV/°C/ORP Analyzer
Model : μpHCal$_{100}$ (Upto 3 / 5 Point Calibration)

Back Panel View

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CALIBRATION REPORT
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COMPANY NAME                    : ANALAB (VADODARA)
REPORT PRINT DATE & TIME        : 13-NOV-2009 - 16:55
CALIBRATION DATE & TIME         : 13-NOV-2009 - 16.31
CALIBRATION DONE BY             : AAAAAAAAAAAAAAAAAAA
CALIBRATION POINT               : FIVE

Std. Buffer 1.68      Std. Buffer 7.00/6.86     Std. Buffer 10.01/9.18
------------------    ---------------------     ----------------------
pH    = 01.680        pH    =  07.185           pH    =  09.589
mV    = +0314.7       Offset= -0011.0           mV    = -0153.2
Temp. = 025.0         Temp. =  025.0            Temp. =  025.0
% Slope S1 = 100.09   Buffer used:07.00         % Slope S3 = 110.27


Std. Buffer 4.01                                Std. Buffer 12.45
------------------                              ---------------------
pH    =  04.291                                 pH    = 12.451
mV    = +0160.2                                 mV    = -0322.5
Temp. =  025.0                                  Temp. = 025.0
% Slope S2 = 096.77                             % Slope S4 = 099.93


Calibration done on MicropHCal100
Instrument Serial No. : 200910/704
```

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ANALYSIS REPORT
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COMPANY NAME                    : ANALAB (VADODARA)
ANALYSIS DATE & TIME            : 13-NOV-2009 - 16:40
CALIBRATION DATE & TIME         : 13-NOV-2009 - 16.31
BATH NUMBER/ID                  : AAAAAAAAAA
SAMPLE NAME                     : AAAAAAAAAAAAAAAAAAA
USER NAME                       : AAAAAAAAAAAAAAAAAAA

pH    =  04.291
mV    = +0160.2
Temp. =  025.0

Signature

Analysis done on MicropHCal100.
Instrument Serial No. : 200910/704
```

Supplied with Combination Glass pH Electrode (0-70°C), Standard Buffer Tablets, Temperature Probe, Electrode Stand with Clamp, Dust Cover, DC Adaptor, Operational & Instruction Manual, Manufacturer Test Certificate and Warranty Card.

Technical Specification :

pH

pH Range : -1.000 to 15.000 pH

Selectable Resolution : 0.1 / 0.01 / 0.001 pH

Relative Accuracy : ± 0.002 pH

mV

Range – mV / RmV : ± 2000.0

ORP : EH autocalibration to standard hydrogen electrode

Resolution : 0.1

Relative Accuracy : ± 0.2 mV or 0.05%, whichever is greater

Temperature

Temperature Range : 0 to 130.0°C

Temperature Resolution : 0.1°C

Relative Accuracy : ± 0.1 °C

Backlit LCD Display : 20 x 2 line Alphanumeric

Auto Buffer Recognition : 1.68, 4.01, 6.86 / 7.00, 9.18 / 10.01 & 12.45 pH @25°C

Buffer Standard : US / NIST & EURO

Power Supply : DC Adaptor

Salient Features : Auto Buffer Recognition, Simultaneous Display of pH, mV & Temperature, Parallel & Serial Port for Printer & PC attachment, Report Formation as per GLP Compliance, More than 150 analysis data storage with corresponding Calibration data with Batch Number, Real Date & Time, Operator Name, Sample Name, searching of data as per Batch Number. Calibration Reminder Alarm (0-99 Hrs), Results Hold / Un-Hold Facility etc.

Optional for μpHCal$_{100}$: RS-232 to USB interface with Cable & Driver Software to Transfer Data From Instrument to PC

Error Message :

Bad Buffer / Electrode ▪ Temperature Probe ▪ pH over range

Optional

* **NIST Traceable Standard for pH and ORP/Redox**
* **IQ/OQ/PQ/DQ Documentation**
* **Customized Electrodes**
* **GMP Model on Request**
* **Calibration Certificate with Tracability**
* **Third Arm Stand**

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