Karl Fischer Titrator
Model : μAquaCal$_{50}$

Supplied with 250ml Reaction Vessel, Dual Platinum Electrode, Teflon Paddle Teflon Assembly , Moisture Trap for Reaction Vessel & 250ml Amber Reservoir Bottle, Dispensing Tube (02 Nos), Teflon Tubing for Dispensing Path, Operational & Instruction Manual, Manufacturer Test Certificate and Warranty Card.

Technical Specification :

Method of Detection : Conductometric

Backlit LCD Display : 20 x 4 Line Alphanumeric

Range of Moisture Detection : less than 20 PPM to 100%

Display of Reading : Direct Reading of Moisture in PPM, Percentage(%) & mg/ml of water

Dispenser : Motorized Dispensing for low and accurate measurement of reagent.

Electrode : Dual Platinum Electrode.

Stirring Time : 00:00 to 99:00 (Minutes : Second) - Users Adjustable

End Point Time : 1-99 Seconds , Users Adjustable

End Point Sensitivity of Moisture Detection : Users Adjustable

Calibration Reminder Alarm : 0-99 hours

Data Storage : More than 10 Analysis data with corresponding calibration data.

Interface : Parallel Port for Dot-matrix Printer attachment.

Input : Electrode Connector

Power supply : 230 VAC ±10%, 50 Hz

Salient Features :

Metalic Epoxy Based Powder Coated Body

Parallel Port to connect 80 column Dot-matrix Printer.

Report Formation as per GLP Compliance.

Built in Magnetic Stirrer with soft touch Key Speed Controller

Automatic end point detection with Audio Alarm.

OVER TITER Audio Alarm save KF Reagent

Automatic Calculation of Avg. Factor and Maxi. 10 KF Factor can be stored in memory

Auto Neutralization reduces the time between analysis & Gives accurate Results.

Onsite Dispenser Calibration/Validation Facility.

MOC of Dispenser is SS/ABS/TEFLON for Corrosion Protection & Maintenance Free Operation.

In-Built Flushing System for cleaning dispensing path

Optional :

Auto Drain of Reaction Vessel

RS-232 to USB Interface with Cable & Driver software to Transfer Data from Inst. to PC GMP model

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CALIBRATION REPORT
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Report Date & Time                  : 03-FEB-2010 - 17:04

Company Name                        : ANALAB (VADODARA)

Calibration Date & Time             : 03-FEB-2010 - 15.22

Calibration Method                  : Water by Volume

Calibration Done By                 : AAAAAAAAAAAAAAAAAAA

Stirring Time (Seconds)             : 00

------------------------------------------------------------
Sr.No.    Volume(microlitre)      End Point(ml.)    TF Value
------------------------------------------------------------
01           10                      01.99         5.025125
02           10                      01.81         5.524862
03           10                      01.81         5.524862
04        --N/A--
05           10                      01.81         5.524862
06           10                      01.93         5.181347
07        --N/A--
08        --N/A--
09        --N/A--
10        --N/A--
------------------------------------------------------------
Average Titer Factor                                5.356211
------------------------------------------------------------


Calibration done on MicroAquaCal50
Instrument Sr. No. : 2009-10/1106
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ANALYSIS REPORT
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Report Date & Time                  : 12-FEB-2010 16:09

Company Name                        : ANALAB (VADODARA)

Calibration Date & Time             : 11-FEB-2010 23.34
Calibration Method                  : Water by Volume
Average Titer Factor                : 6.666666

Analysis Date & Time                : 12-FEB-2010 16.20

Batch/ID Number                     : AAAAAAAAAA

Sample Name                         : AAAAAAAAAAAAAAAAAAA

User Name                           : AAAAAAAAAAAAAAAAAAA

Sample Type & Method                : Liquid by Volume

Volume of Sample (ml.)              : 05.000
Density of Sample                   : 0.789
Stirring Time (Min:Sec)             : 00:00
End Point Time (Seconds)            : 20
End Point (ml.)                     : 01.41

Moisture %                          : 000.2382
Moisture (PPM)                      : 0002382.0
H2O (mg/ml)                         : 002797.87


Analysis done on MicroAquaCal50
Instrument Sr. No.     : 2009-10/1106
```

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