

Automatic Leak Test Apparatus (Without Vacuum Desiccator) Model: μ LTCal50 | Make: ANALAB | HSN Code: 90318000



Supplied with Vacuum Pump (Inbuilt with System), Silicon Tube, Power Cord, Operational & Instruction Manual with SOP, Calibration Test Certificate (Without Traceability Document) and Warranty Card.



Technical Specification:

Vacuum Controller	: Microcontroller Based
Maximum Vacuum Level	: Greater than 650 mmHg
Vacuum Stability	: Set Value Below 400 mmHg : ± 10 mmHg within 30 seconds Set Value Above 400 mmHg : ± 5 mmHg within 30 seconds
Vacuum Hold Time	: Variable from 1 sec. to 99 min
Vacuum Release Time	: Variable from 1 sec. to 5 min
Vacuum Initial Delay Time	: Variable from 1 to 60 second to achieve 100 mmHg (Run will be aborted if 100 mmHg is not achieved in 60 seconds)
Vacuum Release	: Auto - after completion of Vacuum Hold Time
Vacuum Measurement	: Digital
Vacuum Measurement Units	: mmHg, bar, kPa, inHg, atm, psi, cmH2O, kg/cm2
Number of Sample	: 1 to 99
Calibration	: With NABL Certified Standard Digital Vacuum Gauge
Method	: 40 method with View, Print & Delete facility
Pharmacopeia Complies	: As per USP, IP, Ph. Eur.
Material of Construction	: Stainless Steel
Display	: 20 x 4 Line Alphanumeric Backlit LCD
Keypad	: Membrane waterproof polycarbonate soft touch keypad compliance to UL/ROHS
Calibration Data Storage	: Non-Volatile Memory which can store, print & view calibration date & time, company name, Username, set and actual reading of Vacuum, calibration done by, instrument serial number, instrument ID, model number etc.
Analysis Data Storage	: More than 750 analysis data can be stored with company name, analysis date & time, record number, batch number / ID, sample name, username, assigned method number, numbers of samples, set vacuum, vacuum hold time, vacuum release time, vacuum calibration date, Instrument model number, serial number, instrument ID etc. Secondly , analysis data can print directly from analysis mode without saving analysis data in instrument.
Searching of data	: With record number, batch number, date, date range and by scrolling.
Report Formation	: As per GLP Compliance

Password Protection	: Date & Time, Calibration Mode, Delete Stored Analysis Data and Delete Method.
Printer Interface	: Centronics Parallel Port / Serial (RS-232 C) Port
Printer	: 40 / 80 Column Dot Matrix Printer (Printer to be procure optionally)
Power Supply	: 230VAC \pm 10%, 50Hz

Optional

1. IQ / OQ / PQ / DQ Documents

Note: a) Please provide Customer's Name & Address prior to dispatch.

b) To perform onsite documentation, visit charge will be extra depending upon place of Installation.

c) Traceability documents along with installation report.

d) Standards / Chemicals / Buffers required to perform documents are in customer's scope.

e) We don't send documents by email.

2. 300 mm Vacuum Desiccator Made up of Polycarbonate

3. Keypad Screen Guard

4. Traceability Documents

Available other Models of Leak Test Apparatus

- Leak Test Apparatus Model: μ LTCal10 - Up to 525 mm of Hg Vacuum with Printing Facility as per Non-GLP Format
- Leak Test Apparatus Model: μ LTCal50 - Up to 625 mm of Hg Vacuum with Printing Facility as per GLP Format
- Leak Test Apparatus Model: μ LTCal100 with 21 CFR Part-11 Compliance & Printing Facility as per GLP Format

Product Range

- pH/mV/ $^{\circ}$ C/ORP Analyzer • Conductivity/TDS/Resistivity/Salinity/ $^{\circ}$ C Analyzer
- Multiparameter Analyzer (pH/ORP/Conductivity/TDS/Resistivity/Salinity/ $^{\circ}$ C)
- Karl Fischer Titrator • Auto Titrator • Automatic Melting Point Apparatus
- Flame Photometer • Friability Test Apparatus • Tablet Dis-integration Test Apparatus
- Tap Density Test Apparatus • Tablet Hardness Tester • Leak Test Apparatus
- Tablet Dissolution Test Apparatus • Electromagnetic Sieve Shaker • Ultrasonic Bath (Sonicator) • Analytical Electronics Balance • Halogen Based Moisture Analyzer
- Visible & UV-Vis. Spectrophotometer • Nitrogen Gas Generator • Zero Air Gas Generator • Combination Nitrogen / Zero Air Gas Generator • Air Drying Unit for TOC Analyzer • Dew Point Apparatus • Gas Handling & Purification System • Laboratory Furniture & Fume Hood • Exhaust Hood for AAS/ICP.

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