

## Tap Density Test Apparatus

Model:  $\mu$ TDCal50 | Make: ANALAB | HSN Code: 90318000



Supplied with 100 ml & 250 ml Cylinder, Holder for 100 ml & 250 ml Cylinder, Power Cord, Operational & Instruction Manual with SOP, Calibration Test Certificate (Without Traceability Document) and Warranty Card.

**Technical Specification:**

No. of Station	: Two
USP Compliance	: 1) USP1 (300 taps per min.) 2) USP2 (250 taps per min.) 3) USP3 (55 taps per min.) – Available Optionally
Stroke Height	: 14mm $\pm$ 2mm / 3mm $\pm$ 0.2 mm
Stroke / Minute	: 300 $\pm$ 5, 250 $\pm$ 5
No. of taps	: 1-9999
Platform Rotation	: 5 – 15 rotation / minutes
Rotating and tapping motion	: Simultaneous
Display of Strokes/min	: Simultaneously - Set & Actual
Cylinder Supports	: 100ml and 250 ml
Pharmacopeia Complies	: As per USP, IP, Ph. Eur.
Method	: 41 analysis method with View, Print & Delete facility.
Calculation of result	: Bulk Density, Tapped density, Compressibility index and Hausner ratio
Display	: 20 x 4 Line Alphanumeric Backlit LCD
Keypad	: Membrane waterproof polycarbonate soft touch keypad compliance to UL/ROHS
Analysis Data Storage	: <b>More than 750</b> data can be store in non-Volatile Memory which can print & view analysis data with Batch No., username, sample name, Bath Number/ID Tap/minute, Tap Hight, Tap Count 1, Tap Count 2, Tap Count 3, Tap Count Final,Weight of Sample, Total Number of taps, Initial Volume(Vo), Final Volume (Vf), Tap Density, Bulk Density, Compressibility Index, & Hausner Ratio, instrument serial number, Instrument Make & Model & Signature etc. <b>Secondly</b> , analysis data can be print online without saving analysis data in Instrument.
Searching of data	: With record number, batch number, date, date range and by scrolling.
<b>Report Formation</b>	: <b>As per GLP Compliance</b>
Password Protection	: Delete Stored Method, Delete Stored Analysis Data, Date & Time.
Printer Interface	: Centronics Parallel Port / Serial (RS-232 C) Port
Printer	: 40 / 80 Column Dot Matrix Printer ( <b>Printer must procure optionally</b> )
Power Supply	: 230VAC $\pm$ 10%, 50 Hz

## 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. GMP Enclosure made up of Stainless Steel

### 3. Keypad Screen Guard

#### Available other Models of Tap Density Test Apparatus

- Tap Density Test Apparatus Model:  $\mu$ TDCal10 with Printing Facility as per Non-GLP Format
- Tap Density Test Apparatus Model:  $\mu$ TDCal50 with Printing Facility as per GLP Format
- Tap Density Test Apparatus Model:  $\mu$ TDCal100 with 21 CFR Part-11 Compliance & Printing Facility as per GLP Format

#### Product Range

- pH/mV/°C/ORP Analyzer • Conductivity/TDS/Resistivity/Salinity/°C Analyzer
- Multiparameter Analyzer (pH/ORP/Conductivity/TDS/Resistivity/Salinity/°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.

#### ANALAB SCIENTIFIC INSTRUMENTS PVT. LTD.

AN ISO 9001 : 2015 CERTIFIED CO.  
CIN: U33110GJ2005PTC046555

Plot No. 361, Sayajimarket,  
N. H. No. 8 By-Pass,  
At & Post : Sayajipura,  
Vadodara - 390019, Gujarat, India.

+91 265 2514404, 9714503393

info@analab.co.in

www.analab.co.in, www.analabscientific.com

