

Tablet Disintegration Test Apparatus (21 CFR Part-11 Compliance) (Independent Motor & Timer for Two Basket)

Model: μ TDTCa1100 | Make: ANALAB | HSN Code: 90318000



Supplied with 1000 ml Glass Beaker – 02 Nos., 6 tube basket assembly – 02 Nos., Guided Discs – 12 Nos., Temperature Probe – 02 Nos., ANALABsafe software, USB Interface Cable, Power Cord, Operational & Instruction Manual with SOP, Calibration Test Certificate (Without Traceability Document) and Warranty Card.

Technical Specification:

Stroke Length	: 55mm ± 2mm
Number of Stroke Frequency Rate	: 29–32 Cycles Per Min.
Readable Temperature Range	: 10.0°C to 50.0°C
Temperature Control Range	: 30.0°C to 40.0°C
Temperature Accuracy	: ± 0.2°C
Temperature Resolution	: 0.1°C
Programmable Timer	: 1 sec. to 9 hrs.: 59 min: 59 sec.
Heating time to 37°C	: Less than 20 min.
Heating Technology	: Bathless
Heater Capacity	: DC Heater-150 Watt
Heating	: Bathless heating results into fast heating and save water
Temperature Sensor	: PT-100
Number of Beaker	: 02 Nos. – Capacity 1000 ml
Number of Motor	: 02 Nos.
No of Timer	: 02
Number of Basket	: 02 Nos. (06 Test Tube Per Basket)
Control of Basket	: Independent Motor & Timer for Two Basket
Display	: 40 x 4 Line Alphanumeric Backlit LCD
Loading of Basket	: Magnetised for ease of cleaning.
Illumination	: White Light for better visibility of dis-integration process
Parking of Basket	: Automatic after completion of test
Keypad	: Membrane waterproof polycarbonate soft touch keypad compliance to UL/ROHS
Pharmacopeia Complies	: As per USP, IP, Ph. Eur.
Method	: 40 analysis method with View, Print & Delete facility
Date	: 12/24 Hours Format
Time	: Real time clock
Searching of data	: With record number, batch number, Date and by scrolling
Report Formation	: As per GLP Compliance
Analysis Data Storage	: More than 1500 data can be store in non-Volatile Memory which can print & view company name, print date and time, analysis date & time, record number, batch number / ID, sample name, username, pharmacopeia, assigned method number, analysis done on, model number, serial number, instrument ID, individual dis-integration time of each sample when you did visually detect the dis-integration of the tested sample by simply pushing the relevant character key (1-6), Basket Set & Actual Temperature, Media Used,

etc. Secondly, data can print online without saving analysis data in the instrument.

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- : • **In-built with system for ease of operation without PC.**
- **2 Admin, 10 Reviewers, 40 Users & 1 Manufacturer with individual Login ID & Passcode.**
- **Audit trail can store more than 5000 lines in instrument.**
- **Audit trail includes action taken, date & time, action taken by whom.**
- **Audit trail can be transfer to PC through ANALABsafe software and can print on 40 / 80 column dot matrix printer for record.**
- **Admins can set up operation permission of each Users & Reviewers.**
- **Strict Admins control to audit and monitor usage and access.**
- **Audit trail record can be printed with Date, Date Range and by individual User's ID.**
- **Once Audit trail transfer to the PC or Printer, system will delete Audit trail records and before final deletion, the system will give warning twice.**
- **Data integrity with database capability to store Analysis Data, Calibration Data, Analysis Method Data, Audit trail and Passcode in instrument.**
- **No direct access to data from outside the instrument, thereby creating a closed system.**
- **Audit traceability to ensure that the device and results are appropriately handled.**
- **Auto User's logout after defined Logout time.**
- **Auto Users & Reviewers block when password is entered incorrectly 3 consecutive times.**

Printer Interface

: Serial (RS-232 C) Port

Printer

: 40 / 80 Column Dot Matrix Printer (**Printer must procure optionally**)

PC Interface

: USB Type - B

PC Connectivity

: By USB Interface Cable with Driver, **ANALABsafe** software to transfer Analysis data in GLP format, Calibration data and Audit trail from Instrument to PC in **non-editable format (Cannot be Deleted)**

Power Supply

: 230VAC \pm 10%, 50 Hz

Dimensions

: 460 x 450 x 710 mm (L x W x H)

Weight

: 24.5 Kgs (Net) & 29.0 Kgs (Gross)

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. Keypad Screen Guard

3. Number of Basket (Type B): 02 Nos. (03 Test Tube Per Basket)
(For Diameter of Tablet More than 18mm) available Optionally.

4. GMP Enclosure made up of Stainless Steel

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.

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