

Product Name :
Tap Density Tester

Product Code :
ANL-TAP-0001



Description :

Tap Density Tester

Technical Specification :

Features:-

Complies with USP, IP specifications

Extremely useful for pharmaceutical labs

Microprocessor based, easy to use

20 x 4 line alphanumeric LCD display with backlit

16 Soft touch membrane type keys

Independent programmable setups for User & USP mode with storage

Printer attachment facility

Automatically calculate result parameters like Tap Density, Initial Density, Compressibility Index and Hausner Ratio

Automatically stores last Result

Power Failure detection facility

User friendly operation with menus & current status indicators.

Microprocessor Tap Density Tester is a density measurement equipment used to measure tapped density of powders, as well as granulated or flaked materials by standardized and repeatable procedures. Instrument uses the latest microprocessor technology and advanced engineering techniques so as to give enhanced accuracy and reproducibility.

System is equipped with 4 line alphanumeric LCD display with backlit and 16 number of soft touch membrane type keys.

The unit is provided with two motorized platforms which allow for 14 ± 2.0 mm drop height for the USP Method I version, and a 3 ± 0.3 mm drop height for the USP Method II version.

The motorized platforms consist of two cylinder holders with snap-lock mechanism designed to hold 100 ml and 250 ml cylinders.

The simultaneous rotating and tapping motion minimizes any possible loss of mass during tapping down.

The instrument stores the test parameters, readings and results simultaneously in the memory which are retained even after the power is switched OFF.

Provision has also been made for attachment of a printer so as to provide hard-copy printouts of test data, including the time, date and calculated results.

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