

DISSO-LEAD

Validated by LOGAN INSTRUMENTS USA GROUP



- **Dual platform for simultaneous USP analysis of USP Method I and II**
- **Interchangeable for 100 ml or 250 ml glass cylinders**
- **Microprocessor controlled**
- **Easy-to-use input keypad**
- **Simultaneous tapping and rotary motion**
- **Patented HOLE DOWN CUFF**

TAP-2S Tap-Density Tester

The TAP-2S tap density tester is designed for powder /granule tapping or bulk density tests in compliance with USP, BP, and EP. TAP-2S is designed for USP Methods I and II, and comes complete with interchangeable 100 ml and 250 ml glass cylinders and holders. When in motion, the cylinder simultaneously taps and rotates, ensuring that the testing material is packed evenly throughout the cylinder and leveled with the cylinder surface for direct reading.

In operation, the user loads the powder or granules into the cylinder and places it on the platform. The test time or number of taps is easily entered using the instruments keypad. The run parameters are clearly shown on the LED display in real time.

The cylinders are driven by a silent step motor, which is fixed at 250 (USP Method II) or 300 (USP Method I) strokes per minute. Units may be purchased to perform either USP Method I or USP Method II on both platforms and a combination of the two methods on a single unit

Specification:

Cylinder position.....2 (USP Method I & USP Method II)
Size of Cylinders.....100ml, 1mL minimum divided; 130 ± 16 grams
250ml, 2mL minimum divided; 220 ± 44 grams
TAP Speed..... USP Method I: 300 TPM
USP Method II: 250 TPM
Tapping Height.....USP Method I: 14± 2 mm
USP Method II: 3 ± 0.2 mm
Counting Range..... 0 to 99999
Counting Accuracy.....Set Value ± 1
Preset Counts:..... 500, 750, 1250, 1500, 1750, 2000.
Display.....LED
Speed Accuracy Per.....±5 TPM
Maximum Testing Time9:59' 59"
Maximum Count of TAP.....299,997
Size.....12" X 16" X 14"
Weight20 lbs.
Voltage.....110-120 VAC 50 /60Hz
220-240 VAC 50/ 60Hz

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