

ELECTROLAB

Manual Powder Flow Tester



EFT-01

POWDER FLOW TESTER-MANUAL TYPE MODEL EFT-01 With Digital Height Guage with platform for measuring Height. (as per European Pharmacopeia)

- It is with interchangeable discs with holes of various diameters
- Provides simple, repeatable flowability index of powders and granules
- Easy calculation of angle of repose
- Provides simple, repeatable index of flow ability of powders
- Determines the repeatable flow ability index of powders over an arbitrary scale
- Included with tester are a complete set of index flow disks

Machine is offered with various Outflow openings as per Ph. Eur:

- 10 mm
- 15 mm
- 25 mm
- Customized openings are also available

The powder flow tester allows for flow ability testing before set-up of tableting or capsule filling equipment and establishment of a reliable flow ability index for purchasing and quality assurance, thus avoiding high coefficient of variation in product uniformity.

The performed test takes into account numerous parameters that affect powder flow ability, such as particle size and shape, "fines" unit surface, actual and bulk density, porosity settling and electrostatic charge.

Procedure:

- Put the powder from the top into the funnel
- Tap the funnel slightly so that the powder is presented without compacting itself
- After loading, we need to wait approximately 30 seconds
- With the lever release the entry and observe if the powder runs
- Start with a disc of 15 mm for unknown powders
- If the test is positive, repeat the process with smaller discs until the test is negative
- The Flow ability of the powder is determined if powder falls freely, flow ability is small and larger if it flows
- The determination of flow ability is based on the capacity of the powder to fall freely through a hole in the disc

Our Products

- Complete range of Dissolution Testers • Disintegration Testers • Friability Testers • Tablet Hardness Testers
- Electromagnetic Sieve Shakers • Tap Density Tester • Bulk Density Tester • Powder Flow Tester • Leak Tester • Peristaltic Pumps



The information contained in this document is believed to be correct but ELECTROLAB accepts no liability for any errors and reserves the right to alter specifications without notice
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