



FT 2 Friability Tester

Single or dual drum
Programmable rotational speed in timer / counter mode
Connection for analytical balance
Calculation of percent friability and printing of test reports

FT 2

The FT 2 friability tester is optimized for fast and efficient operation. Manual tasks typically associated with the recording of weight measurements and report creation can be virtually eliminated by connecting the instrument to a standard laboratory balance. If desired, operators can start tests using a pre-defined EP / USP method – reducing setup time to a minimum while ensuring that tests are performed according to specifications.

Operating the FT 2 is simple. SingleButton™ navigation allows users to quickly start tests and navigate through the menu when required. Method parameters such as rotational speed (20-50 rpm) and time / number of revolutions can be easily set to comply with different standards. Weight measurements before and after a test are either

transferred automatically from a connected balance or entered manually by the operator. To ensure ease of regulatory compliance, test reports including weight loss and percent friability calculations are conveniently printed directly from the tester. Additionally, the qualification procedure is fully menu-guided including a printed report.



→ FT 2
friability tester

Easy handling

Designed in full compliance with the specifications as defined in the USP and other Pharmacopeia, the FT 2 has a built-in 10 degree tilting function that can be utilized permanently or only when needed to prevent irregular tumbling of larger tablets. Anti-static front-load drums provide for easy handling and excellent visibility during the test.

Whether operated in a single or dual configuration, friability drums don't have to be removed and opened to insert tablets. On completion of a test run, samples are automatically discharged into separate collection trays.



→ Standard operation



→ Operation at 10° angle as per USP

Robust design

The FT 2 features a maintenance-free drive that ensures gentle starting and stopping motions at all times. A quick-lock system prevents any slippage as drums are fully engaged with the drive. Instead of friability drums, the FT 2 can also be equipped with abrasion drums for carrying out attrition tests.



→ User-friendly SingleButton™ operation

Technical Specifications

| | |
|--------------------------------|--|
| Test methods | USP <1216> / EP 2.9.7 or user-defined |
| No. of drums | 1 or 2 |
| Speed | 20 – 50 rpm, programmable |
| Test modes | time / revolution count yes [standard] |
| 10° tilting function | yes [standard] |
| Balance connection | yes [with optional balance] |
| Printed test report | yes [with optional printer] |
| Qualification | menu-guided, incl. report |
| Balance interface | RS-232 |
| Printer interface | RS-232, Ethernet LAN |
| Power supply | 115-230 V / 50-60 Hz |
| CE Conformity | The FT 2 fully complies with all CE and EMC equipment guidelines relative to mechanical and electrical safety and electromagnetic compatibility. |
| Level of noise emission | A-rated, less than 70 db [A] |
| Weight | 8 kg |
| Dimensions | Width 305 mm Height 475 mm Depth 280 mm |
| Software | q-doc |

Technical specifications are subject to change without prior notice. Products illustrated in this brochure may include options or modifications not fitted as standard. No liability for errors and omissions.

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