

Optimal Friability Tester, USP



To effectively simulate the punishment that tablets and capsules may be subjected to during manufacturing, distribution and handling, samples should be tested in the Optimal Friability Tester. This unit makes it easy to detect possible edging, crumbling, chipping, or breakup of your tablets. Our Friability Tester features a microprocessor controlled LED display that can be set to show test length, number of revolutions or elapsed time. Keypad is protected via a sealed membrane and can be used to calculate the weight loss. USP and EP compliance certificates are included. The Optimal Friability tester is configured to handle two drums at once.

An optional thermal printer provides hard copy documentation of all aspects of operation including time and date, length of test, counts, and calculated percent loss.

Optimal Friability Tester with Dual Drum, USP

300-001 115V, 60Hz with two "Roche" type drums

300-002 230V, 50Hz with two "Roche" type drums

Optimal Friability Tester Accessories

10 Degree Lift, USP

300-030 For tablets 13 mm in diameter or greater. Prevents binding and irregular tumbling of tablets in drum. A wedge tilts the instrument so that its axis forms a 10° angle with the bench.

Optional Printer

300-005 Thermal printer

200-501 Thermal paper for printer, package of 10 rolls

Replacement Drums

300-010 "Roche" drum with single arched bridge, USP, clockwise rotation

300-015 "Roche" drum with single arched bridge, USP, counter-clockwise rotation

300-020 "Abrasion" drum for more rigorous testing, use as either clockwise or counter-clockwise rotation