

Technical data sheet

200 N Tablet Hardness and Diameter Tester

PT-H20 measures tablet breaking force from 1 to 200 N and tablet diameter from 2 to 30 mm. An LCD interface, result statistics and dated test or calibration printing support routine checks.

Key features

- Selectable single-tablet or continuous measurement, up to 160 tablets
- Stored settings and fault diagnosis
- Displayed and printed calibration results

Technical Information

Breaking-force range	1-200 N
Force resolution	0.1 N
Tablet diameter range	2-30 mm
Diameter accuracy	±0.01 mm

Standard Configuration

Integrated breaking-force and diameter instrument with LCD display.

The selectable LCD interface provides Chinese (4 lines × 8 characters) or English (8 lines × 16 characters). Confirm the delivered interface language. Force units are selectable as N, kg or Sc and diameter as mm or inch; confirm secondary force-unit conventions.

The instrument calculates and displays result statistics and can print individual-tablet results. Its real-time clock adds test and calibration dates and times to reports. Settings remain stored until changed; calibration results can be displayed and printed. Confirm the printer, calibration accessories and exact supply list. The force-accuracy value stated in kg requires clarification before a performance commitment.

Applications

Tablet breaking-force testing for formulation development and routine laboratory quality control. Orient each tablet consistently and select a force range appropriate to the dosage form.

Selection / Ordering Information

Specify tablet dimensions, expected breaking force, sample throughput and recording needs. Confirm fixtures, calibration accessories, power supply and destination-specific configuration in the quotation.

Related instruments

Manual Tablet Hardness Tester · PT-H1

Motorized Tablet Hardness Tester · PT-H1M

Review the configuration with PRECETTA before ordering.