

Tablet Hardness, Thickness and Diameter Tester

T-HAR-001 measures tablet breaking force, thickness and diameter with a 7-inch display and an Android-based control system. It supports manual or automatic continuous measurement modes, statistics and recorded results; the specified sample count is up to 500 tablets.



Key features

- Breaking-force and dimensional measurements in one instrument
- Statistical analysis, result recording and printing functions
- Calendar clock for test and calibration timestamps
- Parameter calibration and fault self-diagnostics
- USB and RS232 interfaces

Technical Information

Breaking-force range	10-400 N
Force resolution options	0.1 / 0.01 / 0.001 N
Specified force accuracy	$\pm(0.1\% + 1 \text{ N})$
Diameter range	2-25 mm
Thickness range	2-12 mm
Length resolution options	0.1 / 0.01 / 0.001 mm
Dimensional accuracy	$\pm 0.03 \text{ mm}$
Maximum specified sample count	500
Display	7 in
Interfaces	USB / RS232

Standard Configuration

Instrument with breaking-force and dimensional measurement functions. Confirm the supplied measuring fixtures, calibration items, printer, interface cables and full packing list in the quotation.

Optional Accessories

No separate optional-accessory list is documented. Specify calibration and qualification-document requirements separately; availability and scope require confirmation.

Selection / Ordering Information

Specify tablet geometry, force range, throughput and reporting needs. The percentage basis in $\pm(0.1\% + 1 \text{ N})$ is not defined; confirm how accuracy is calculated. Selectable display resolution does not establish equivalent measurement accuracy. Continuous measurement does not establish an automatic feeder. Confirm power supply, printer delivery, software language and export functions. Audit-trail or electronic-signature compliance is not established.