

A HARDNESS TABLET TESTER DCX PORTABLE



**SIMPLY MEASURE
THE HARDNESS OF YOUR
PILLS AND TABLETS**



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FUNCTION

To ensure that pharmaceutical pills and tablets are compliant, a tablet hardness tester provides accurate analysis of a tablet's breaking strength and structural integrity.

The DCX system allows for the accurate and completely autonomous measurement of tablet hardness by applying a compressive force. The reading of the breaking force is done on a calibrated dynamometer.

A rotating ring exerts a force on the tablet until it breaks. A dynamometer equipped with a circular support, recovers the effort and displays the breakage value of the tablet. After breaking, the tablet falls into a low recovery container. A protective cover avoids accidental projections on the operator.

The reading is done digitally, on the 200 N or 500 N dynamometer, depending on the type of equipment chosen.

- **Portable and battery operated unit**
- **Retention bin for broken tablets**
- **Anti-splash projective cover**
- **Force measurement up to 500N**
- **Units of measurement (N, kN, kg, lbs, oz)**

DELIVERED WITH:

- **4 AA batteries**
- **A calibration certificate connected to LNE/COFRAC**
- **Instructions for use**





TECHNICAL INFORMATION

Measured hardness	Up to 500 N
Accuracy	+/- 0.5% of full scale
Spacing for tablet	30 mm
Units of measurement	kN, kg, lbs and oz
Display resolution	0 - 500 N, 0,2 N
Power supply	4 x 1.5V AA batteries
Dimensions	250 x 90 x 77 mm
Weight	1 kg
Frame	Anodized aluminum

OPTIONS

EU Charger
US Charger
Other dynamometers on request
Other tablet sizes on request

ACRN A GLOBAL OFFER
for your packaging quality controls



Calibration and annual maintenance

ACRN is equipped with a metrology laboratory.

Setting up tests, choice of materials, state of the art, work on repeatability

we can advise you according to your needs (tecnology, budget, ergonomics).

Leak testing and dynamometric testing

Our skills and equipment for leak testing and dynamometric testing for packaging

Major manufacturers have trusted us for many years

