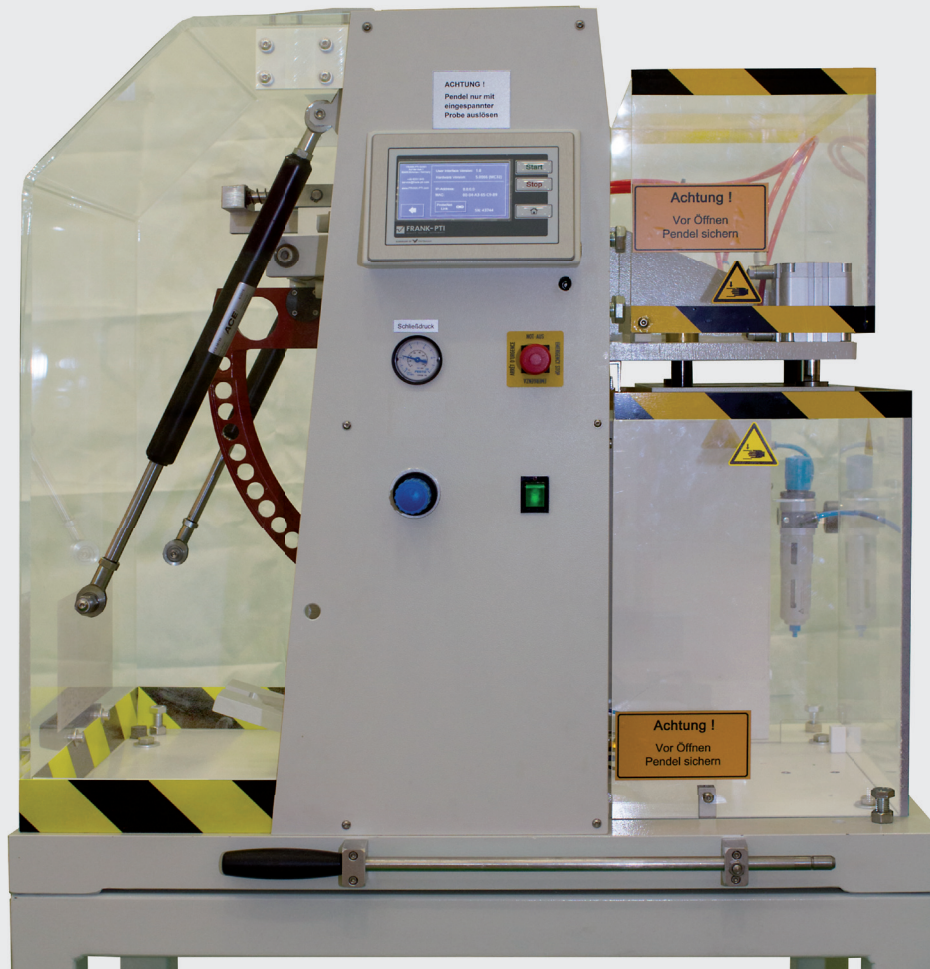




# PUNCTURE TESTER DIGITAL

For measuring of the energy absorption when puncturing board or corrugated board.

For:



## MOST IMPORTANT BENEFITS

- ✓ Robust construction with a dead weight of 250 kg
- ✓ Quick clamping of the sample
- ✓ Frictionless bearings
- ✓ Security cover

PRODUCT DESCRIPTION

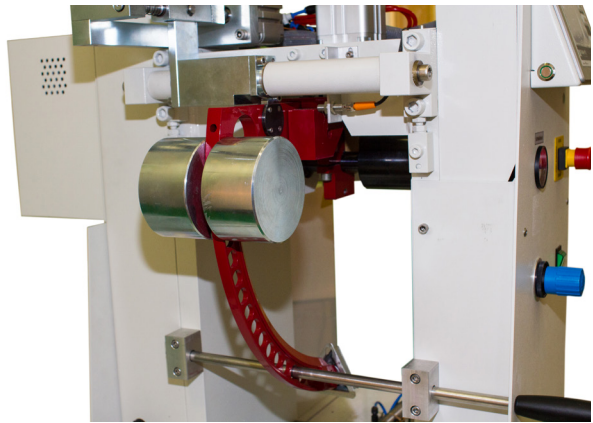
The digital puncture tester is a warp resistant, robust structure with a weight of 250 kg, which prevents external vibrations affecting the carrying out of the test, and also ensures accurate measurements. A triangular puncture head is attached to a weighted pendulum arm. A frictionless bearing allows exact measurements to be made with the pendulum arm. The sample holder is equipped with a quick clamp mechanism, which allows easy insertion of samples, and an acrylic glass safety guard prevents injury. The results of the test are read from the digital display.

TEST DESCRIPTION

A board or corrugated board sample is clamped into the sample holder. Pulling the start lever releases the pendulum from its holder allowing it to puncture the clamped sample with the puncture head. The energy used to accomplish this is determined and can be read from the digital display. After the test, the pendulum arm is manually returned to the start position.

MODELS

- System IDM
- System FRANK-PTI



System FRANK-PTI with shortened pendulum length

TECHNICAL DATA

DEVICE/INSTRUMENT

- Sturdy device with a dead weight of 250 kg
- External vibrations are damped
- Quick clamping of the sample
- Pendulum arm with 3 edges puncture head
- Frictionless bearing
- Circular angle of the pendulum: 90°
- Exchangeable weights
- Protective acrylic glass
- Digital display with a nominal range up to 48 joule

INSTALLATION REQUIREMENTS

Electrical connection	230 V / 50 Hz
Water connection	No
Compressed air	4 – 6 bar

APPLICABLE STANDARDS

- DIN 53142
- ISO 3036
- TAPPI T803

