

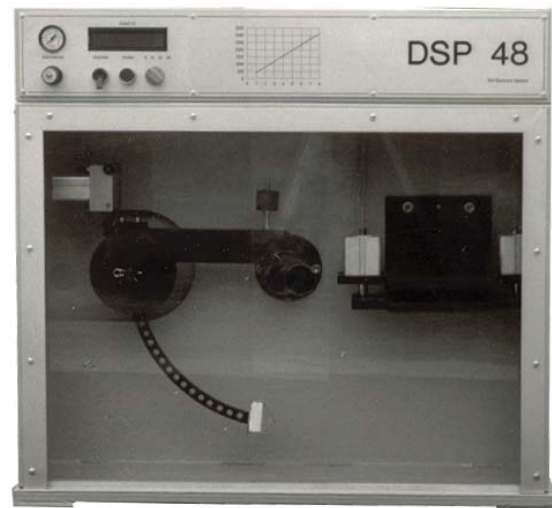
PUNCTURE TESTER

The puncture tester determines the puncture resistance of solid and corrugated paperboard samples for quality control and R&D.

Operation

A sample 175 by 175 mm is clamped between the sample holder.
Set the instrument to the appropriate range.
Except for the lowest range, the corresponding weight has to be added. If the pendulum is released, the triangular punch penetrates the sample and swings further. The end (reversing) position of the pendulum represents the measurable quantity required to determine the energy needed to penetrate the sample. The result appears at the digital display.

The sub-structure shown in the picture is not included in the delivery.



Model DSP 48

Features

- Used to determine the energy required to pierce a clamped sample
- Digital display
- Safety sliding doors :
built-in safety system which results into a safe operation free of undesirable and damaging vibrations during testing
- Four ranges through additional weights
- Pneumatic sample clamping
- Adjustable pressure force through pneumatic regulation
- Pneumatic operation of pendulum
- Adjustable measuring range

Physical specifications

Dimensions

90 x 28 x 117 cm (LxDxH)

Net Weight

150 kg

Options

- Data can also be transferred to PC through RS-232 output
- Sub-structure

Standards

DIN 53142

Performance data

Measuring range

6, 12, 24 and 48 J

Measuring range selection

Switch and additional weights

Power supply

220 V, 50 Hz

Air pressure

6 bar



Agent