

Sample Punch

pneumatic

Code: P.105.xxx / P.106.xxx

Usage

To rapidly prepare Tissue, Paper or Cardboard samples with precise dimensions.

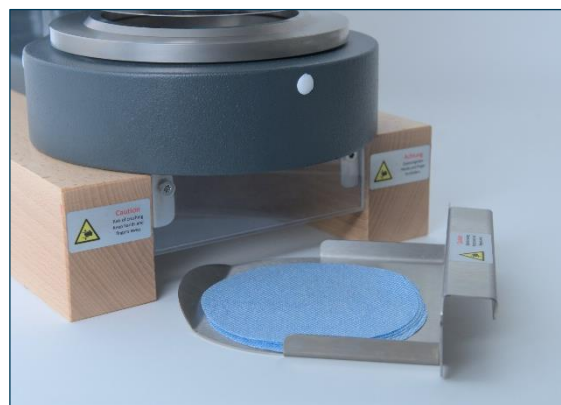
Applicable standards

- ISO 536, 1974, 2493, 5626
- TAPPI T414, T556





safety cover of the punching area



tray for easy removal of samples

Device description

This robust and practical tabletop punch is ideal for quickly producing samples with precise dimensions, either for determining grammage or samples for the bending stiffness -, Elmendorf tear strength - as well as for the double fold test. Material with a grammage of 30 up to 1 000 g/m² and a thickness of up to 4 mm can be punched effortlessly. The pneumatic sample punch is available with either a hand knob or a convenient foot button.

Process description

The material to be processed is placed in the punching area and by pressing the hand knob/ foot pedal the punching knife is pneumatically lowered onto the sample material. After the punching process, the sample falls into the collection tray and can be removed for further processing.

Connections

- Compressed air: 400 - 600 kPa
- A compressed air hose with Ø 6 mm is included in the scope of delivery.

Specifications

- noble and sturdy workmanship
- made of high-quality materials
- precise punching knives for exact results
- grammages between 30 - 1 000 g/m² can be punched
- sample thickness up to 4 mm possible
- punching of several samples at the same time possible (depending on the material used)
- optionally with hand button or foot switch
- protective cover of the punching area made of high-quality acrylic glass
- practical sample collection tray
- durable construction, low maintenance
- CE certified

Parameter

	Dimensions	Weight
Net	350 x 240 x 490 mm	23 kg
Gross	400 x 430 x 700 mm	35 kg

Models

Code	Method	Standard	Sample size
P.105.100	Elmendorf	ISO 1974	50 x 63 mm
P.105.110	Elmendorf	ISO 1974	76 x 63 mm
P.105.120	Elmendorf	TAPPI T414	53 x 63 mm
P.105.130	Elmendorf	n/a	63 x 63 mm
P.105.140	Bending Stiffness	ISO 2493	38 x 80 mm
P.105.150	Bending Stiffness	TAPPI T556	38 x 76 mm
P.105.160	Double Folding	ISO 5626	100 x 15 mm
P.105.170	Grammage	ISO 536	100 x 100 mm
P.106.005	Grammage	n/a	4.99 cm ² (round)
P.106.050	Grammage	n/a	50 cm ² (round)
P.106.100	Grammage	ISO 536	100 cm ² (round)
P.106.D15	Grammage	n/a	Ø 15 mm

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