

Article No. S40350



Preparation Products

# Sample Punching Machine

for pneumatically punching samples

For:



✓ PAPER



✓ BOARD



✓ TISSUE



✓ FOILS



## MOST IMPORTANT BENEFITS:

- ✓ Simple operation via foot pedal.
- ✓ Deflection lever for even force distribution.
- ✓ Multiple specimens can be punched simultaneously.
- ✓ Integrated safety device to prevent injuries.

 **FRANK-PTI**  
QUALITY TESTING INSTRUMENTS

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## Product Description

The pneumatic die cutter is a robust floor-standing device that operates according to the "punch & die" principle. For easy operation, a foot pedal is integrated into the device, which triggers the pneumatic punching process. To prevent the material from slipping, a hold-down device is integrated into the unit to clamp it in place before punching. A built-in deflection lever ensures uniform force distribution. An easily accessible specimen removal is located underneath the cutting tool. The integrated safety switch prevents unintentional activation of the punch when the safety flap is open to prevent injuries.

## Test description

The material sheet to be punched is pushed into the sample slot of the pneumatic surface punch, which is limited to maximum height of 6mm for safety reasons. The sheet is clamped by pressing and holding the foot pedal. The punch moves through the die from above and punches the specimen. This falls by its own weight and the punch into the specimen removal. The punched specimen and the off-cut can be removed.



Connection for compressed air

## TECHNICAL DATA

### DEVICE / INSTRUMENT

- „Punch & die“ principle
- Easy operation via foot pedal
- Pneumatically operated
- Easily accessible sample removal
- Safety device to prevent injuries
- Deflection lever for even distribution of force

### APPLICABLE STANDARDS

no standards available  
\*more standards on request

### DIMENSIONS

	<b>L x W x H</b>
S40530	750 x 565 x 1540 mm
Weight: S40530	net / gross ca. 290 kg / 400kg

### CONNECTIONS

Power:	no
Water:	no
Compressed air:	6 bar / Hose 8mm

### ARTICLE / MODELS

S403500001 Sample Punching machine 297 x 210 mm (A4)  
\* individual sizes available on request



Foot pedal to activate the punching mechanism



Sample removal with safety switch