

Ray'Ran



Pneumatically Operated Test Sample Cutting Press

RR-PCP

The **Pneumatically Operated Test Sample Cutting Press** is by far the most effortless and safest way to produce cut samples from materials such as plastics, fabrics, boards and paper. The press is robust with a compact footprint and doesn't require bolting down, ideal for any laboratory or workshop.

The cutting process is simply done by pulling the protective polycarbonate screen in a downward direction and letting the press do the rest, generating cutting forces up to 50kN (depending on the input pressure), easily cutting through sheet materials such as polypropylene and polyethylene up to 8mm thick.

The press is supplied with a cutting base of 25cm x 15cm and a polypropylene cutting board to support the material the sample is to be cut from. A polycarbonate safety guard, which will not allow the machine to operate unless it is in the closed position, ensures operator safety. To deliver maximum performance, the cutter must be set up relative to the cutting board so that at full stroke, the cutter will just depress the surface of the cutting board.

The fixing arbour on the press will accept a 25mm dia cutting tool shank as standard. Other size fixing arbours can be supplied to customer requirements.

In most cases, the thickness of the material that can be cut will not just depend on the strength of the material, but also on the lateral flexibility of the material to allow the cutter to penetrate down into and pass through the material.

Technical Specification

- Pneumatically operated up to 10bar (150psi)
- Automatically operated
- Polycarbonate guard
- Cutting force up to 50kN
- 25cm x 15cm sample platform
- Polypropylene cutting board
- Adjustable cutting arbor with locking handle
- Suitable for rubber, plastic, paper, fabric or laminates
- Product user manual
- CE declaration certificate
- 1 year return to base warranty

Optional Ancillaries

- Test sample cutters to any International standard
- Traceable calibration certificate (cutters only)
- Polypropylene cutting board

Weights & Dimensions

Net Weight (kg)	72
Width (cm)	30
Depth (cm)	30
Height (cm)	63

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