

Manual Sample Press Machine



Description

This manual sample press machine is designed for punching test specimens from formed sheets of various materials, including plastic (elastomer), film, vulcanized rubber, paper, fabrics, and similar non-metallic sheets. It is compatible with a wide range of die blocks — dumbbell, circle, rectangle, and other custom shapes.

Key Features

- One-Hand Operation – User-friendly lever mechanism allows smooth, single-handed pressing, reducing operator fatigue.
- Versatile Die Compatibility – Accepts multiple types and sizes of die blocks for dumbbell, round, rectangular, and custom-shaped specimens.
- Wide Material Range – Suitable for elastomers, films, rubber, paper, textiles, and soft plastics.
- Compact & Manual – No power supply needed; ideal for laboratory, production floor, or field use.
- Stable Construction – Heavy-duty base prevents tipping during punching.

How to Use (One-Hand Operation)

1. Place the material sheet on the press base.
2. Position the desired die block on the material.
3. Pull the lever down smoothly with one hand to punch the specimen.
4. Release the lever; the die automatically lifts for easy specimen removal.

Typical Applications

- Quality control testing (tensile strength, tear resistance)
- Sample preparation for physical property analysis
- Cutting specimens from rubber, plastic film, fabric, or paper

Optional Accessories

- Interchangeable die blocks (dumbbell Type, round Ø10–50 mm, rectangle)
- Cutting pad (replaceable)

Specification:

Model	EI-P20M
Maximum Stroke	20mm
Vertical Space	10mm
Platen	Ø120 x 10mm
Working Table	Ø135mm
Dimension	260 x 170 x 420mm
Weight	Approx. 8kg
Accessories	Tools x 1 Cutting Board x 2 Compression Platen
Optional	Die Block – dumbbell Type, round Ø10–50 mm, rectangle

