



# Orion PTS

PRECISION TESTING SOLUTIONS

## OR-PSP

### Pneumatic Sample Press

V1.01

Introducing a brand new range of materials testing equipment from **Orion-PTS**. The Electro-Pneumatic Sample Press offers user safety and simplicity for producing a variety of test sample shapes to meet International Test Standards such as ASTM D412, D638 and ISO 527 and many more from materials including Plastics (including pipe), Rubbers, Fabrics, Foils, Films and Papers.

Ideal for laboratories and workshop use the apparatus can quickly produce test samples very efficiently. Test Sample Cutting Dies for the apparatus are also available from **Orion-PTS** to any recognized International Test Standard or customers own requirements.

The apparatus has a two handed push button operation for user safety and has a maximum operating pressure of 160 PSI (11 Bar) generating a maximum cutting force of 50KN and has a maximum cut thickness of 8mm depending on material type.

The apparatus is supplied with an adjustable arbor attachment for ease of mounting and setting the cutting dies so the correct cutting depth can be obtained. Non standard arbors can also be manufactured to suit customers own unique requirements.

A generous cutting board footprint of 30cm x 25cm is standard and cutting boards of different material densities are available to suit the materials being cut. Natural Polypropylene is supplied as standard.

The apparatus can be supplied in either 110-120v 60 Hz and 220-240v 50 Hz.



#### Specifications

- Electro-Pneumatic Operation
- 110-120v 60Hz or 220-240v 50Hz
- 160 PSI (11 Bar) Max Pressure
- Fmax - 50Kn
- Throat Depth 125mm
- Two Handed Operation for Safety
- Height Adjustable Cutting Arbor
- Simple Cutting Die Attachment
- 30cm x 250cm Cutting Base
- Supplied with PP Cutting Board
- UKCA/CE Certified
- Dimension (CM) -35W x 47D x 65H
- Net Weight (Kg) - 60

#### Options

- Cast Nylon Cutting Board (Ideal for Films/Foils)
- Test Sample Cutting Dies manufactured to recognized International Testing Standards such as ASTM, ISO, DIN, and JISK amongst others.