

The Laboratory Press is designed for pressing or helping to form samples between two platens.

Two digital temperature controllers enable the platens to be heated or cooled and even set process times for heating and cooling.

A digital panel meter is used to display the compression force (kgf) enabling fast and accurate testing.

Applications:

- Plastic
- Rubber

Features:

- Capacity: 15 Tonne
- Digital temperature controllers:
Ambient - 300°C ±2°C
- Platens: 300mm x 300mm
- Maximum Stroke: 150mm
- Maximum daylight: 150mm
- Digital pressure gauge indicating tonnes
- Hand pump
- Readability: 15,000 x 10
- Timer: 0 - 9999
- Water Solenoid Valve
- Digital Panel Meter:
 - Accuracy: to 0.005% (of full scale)
 - Push button calibration & setup
 - Auto Zero function
 - Peak display
 - Sample Rate: 5 to 100 per second (selectable)
 - Readability: 5 digit display



Options:

- **L0003 - 1:** Laboratory Press Water Cooled
Platens: 300mm x 300mm
The water cooled platens are fitted onto the instrument at time of manufacture, and allow the platens to cool at a faster rate.
- **L0003 - 4:** Electric pump
The Electric Pump is used to electrically raise or lower the platen



Model: L0003-2: 25 Tonne Laboratory Press

Features:

- Capacity: 25 Tonne
- Digital temperature controllers:
Ambient - 300°C ±2°C
- Platens: 300mm x 300mm
- Maximum Stroke: 150mm
- Maximum daylight: 150mm
- Digital pressure gauge indicating tonnes
- Hand pump
- Readability: 25,000 x 10
- Timer: 0 - 9999
- Water Solenoid Valve
- Digital Panel Meter:
 - Accuracy: to 0.005% (of full scale)
 - Push button calibration & setup
 - Auto Zero function
 - Peak display
 - Sample Rate: 5 to 100 per second (selectable)
 - Readability: 5 digit display

Options:

- **L0003 - 1:** Laboratory Press Water Cooled Platens: 300mm x 300mm
The water cooled platens are fitted onto the instrument at time of manufacture, and allow the platens to cool at a faster rate.
- **L0003 - 4:** Electric pump
The Electric Pump is used to electrically raise or lower the platen

Model: L0003-3: 30 Tonne Laboratory Press

Features:

- Capacity: 30 Tonne
- Digital temperature controllers:
Ambient - 300°C ±2°C
- Platens: 300mm x 300mm
- Maximum Stroke: 150mm
- Maximum daylight: 150mm
- Digital pressure gauge indicating tonnes
- Hand pump
- Readability: 30,000 x 10
- Timer: 0 - 9999
- Water Solenoid Valve
- Digital Panel Meter:
 - Accuracy: to 0.005% (of full scale)
 - Push button calibration & setup
 - Auto Zero function
 - Peak display
 - Sample Rate: 5 to 100 per second (selectable)
 - Readability: 5 digit display

Options:

- **L0003 - 1:** Laboratory Press Water Cooled Platens: 300mm x 300mm
The water cooled platens are fitted onto the instrument at time of manufacture, and allow the platens to cool at a faster rate.
- **L0003 - 4:** Electric pump
The Electric Pump is used to electrically raise or lower the platen

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Model: L0003-5: 20 Tonne Laboratory Press

Features:

- Capacity: 20 Tonne
- Digital temperature controllers:
 - Ambient - 300°C ±2°C
- Platens: 300mm x 300mm
- Maximum Stroke: 150mm
- Maximum daylight: 150mm
- Digital pressure gauge indicating tonnes
- Hand pump
- Readability: 20,000 x 10
- Timer: 0 - 9999
- Water Solenoid Valve
- Digital Panel Meter:
 - Accuracy: to 0.005% (of full scale)
 - Push button calibration & setup
 - Auto Zero function
 - Peak display
 - Sample Rate: 5 to 100 per second (selectable)

Options:

- **L0003 - 1:** Laboratory Press Water Cooled Platens: 300mm x 300mm
The water cooled platens are fitted onto the instrument at time of manufacture, and allow the platens to cool at a faster rate.
- **L0003 - 4:** Electric pump
The Electric Pump is used to electrically raise or lower the platen

Connections:

- **Electrical:** 415 VAC @ 50 HZ Three Phase

Dimensions:

- **H:** 1,000mm
- **W:** 900mm
- **D:** 500mm
- **Weight:** 120kg

Dimensions and weight may vary according to particular model chosen.

Benefits:

- Easy to use
- Fast results
- Accurate

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