

Heated Laboratory Press

Model: L0003

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 (not shown) 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



10-11 Colrado Court, Hallam, Victoria 3803 Australia.

Phone: +61 3 9708 6885

Fax: +61 3 9708 6770

Website: www.idminstruments.com.au

Email: idm@idminstruments.com.au

All sizes and dimensions shown on this data sheet are averages only and images are as accurate as the medium allows. Products and details shown may change without notice as IDM Instruments Pty Ltd[®] reserves the right to make alterations to its product range from time to time.

Heated Laboratory Press

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

10-11 Colrado Court, Hallam, Victoria 3803 Australia.

Phone: +61 3 9708 6885

Fax: +61 3 9708 6770

Website: www.idminstruments.com.au

Email: ids@idminstruments.com.au

All sizes and dimensions shown on this data sheet are averages only and images are as accurate as the medium allows. Products and details shown may change without notice as IDM Instruments Pty Ltd[®] reserves the right to make alterations to its product range from time to time.

Heated Laboratory Press

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: **L0003-5:** 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
- *May vary according to particular model chosen.*

10-11 Colrado Court, Hallam, Victoria 3803 Australia.

Phone: +61 3 9708 6885

Fax: +61 3 9708 6770

Website: www.idminstruments.com.au

Email: idm@idminstruments.com.au

All sizes and dimensions shown on this data sheet are averages only and images are as accurate as the medium allows. Products and details shown may change without notice as IDM Instruments Pty Ltd[®] reserves the right to make alterations to its product range from time to time.