Pressure Pots, Reservoirs for Dispensing

Description

IDM Pressure Pots are reservoir tanks used for dispensing adhesives, coatings and other liquids. Typically, the liquid (in its normal container or bottle) is placed inside the pressure pot, a dip tube is introduced into the liquid, and the system is closed and pressurised. The liquid is forced by the pressure out of the reservoir to a dispensing valve or other applicator.

Some of our pressure pots are supplied with material feed tubing to get you started. We recommend using natural PE tubing for cyanoacrylate adhesives. The black PE tubing is suitable for UV sensitive materials.

Features & Benefits

- Allows dispensing from bulk, bottles or other containers
- Integral safety pressure release valves
- Disposable material paths for ease of use and reduced maintenance
- Suitable for a wide range of low to medium viscosity liquids

- Ensure you are wearing correct PPE. Consult with the safety data sheet for your material.
- Remove the threaded thumbscrews and lift off the reservoir's lid.
- Place an open bottle of liquid in the centre of the reservoir.

Pressure Pots, Reservoirs for Dispensing

Return the lid to the top of the reservoir whilst assuring that the dip tube is positioned inside the bottle of liquid.

- Tighten thumbscrews evenly.
- Ensure the regulator is fully closed before connecting the air line.
- Connect all material and air lines supplying pressure to the reservoir.
- Slowly increase pressure by gently opening the regulator until desired material flow is reached.
- Don’t forget to depressurise the pot after use by gently loosening the air release valve.

Specifications

IDM PP500

Pressure Pots, Reservoirs for Dispensing

This pressure fluid reservoir is capable of supplying low viscosity liquids packaged in industry-standard bottles for dispensing. It takes fluids in up to 500g bottle sizes. Suitable for cyanoacrylate adhesives (CAs), solvents, anaerobic adhesives, UV adhesives & other low viscosity liquids. When used in conjunction with a valve such as the IDM HDV130 Handheld Diaphragm Valve or IJF 700PTPCW Dispensing Pen, the IDM PP500 Pressure Pot provides flexibility and controls the amount of material delivered.

Pressure Pots, Reservoirs for Dispensing

Specifications	
Tank body	Aluminium
Tank base	6-6 Nylon
Tank top	6-6 Nylon
O-Ring seal	Fluoroelastomer rubber
Inside diameter	3.25” (83mm)
Inside depth	7.125” (181 mm)
Outside diameter	5.25” (133mm)
Overall height	10.0” (254mm)

Pressure Pots, Reservoirs for Dispensing

Specifications	
Maximum operating pressure	75 psi
Includes: IDM-REG-1/8E-6MM (regulator & pressure gauge, 1/8” elbow to 6mm push-fit), material tubing: 6mm natural PE (2m length) and 6mm black PE (2m length)	

IDM PP1000

This pressure fluid reservoir is capable of supplying low viscosity liquids packaged in industry

Pressure Pots, Reservoirs for Dispensing

standard bottles for dispensing. It takes fluids in up to 1L bottle sizes. Suitable for cyanoacrylate adhesives (CAs), solvents, anaerobic adhesives, UV adhesives & other low viscosity liquids. When used in conjunction with a valve such as the IDM HDV130 Handheld Diaphragm Valve or IJF 700PTPCW Dispensing Pen, the IDM PP1000 Pressure Pot provides flexibility and controls the amount of material delivered.

Specifications	
Tank body	Aluminium
Tank base	6-6 Nylon
Tank top	6-6 Nylon

Pressure Pots, Reservoirs for Dispensing

Specifications	
O-Ring seal	Fluoroelastomer rubber
Inside diameter	3.75” (95mm)
Inside depth	9.625” (244mm)
Outside diameter	6.25” (159mm)
Overall height	12.5” (318mm)
Maximum operating pressure	75 psi
Includes: IDM-REG-1/8E-6MM (regulator & pressure gauge, 1/8” elbow to 6mm push-fit), material tubing: 6mm natural PE (2m length) and 6mm black PE (2m length)	

IDM PP1000W

Pressure Pots, Reservoirs for Dispensing

This is a wider style pressure fluid reservoir, capable of supplying low viscosity liquids packaged in industry standard bottles for dispensing. It takes fluids in up to 1L bottle sizes. Suitable for cyanoacrylate adhesives (CAs), solvents, anaerobic adhesives, UV adhesives & other low viscosity liquids. When used in conjunction with a valve such as the IDM HDV130 Handheld Diaphragm Valve or IJF 700PTPCW Dispensing Pen, the IDM PP1000W Pressure Pot provides flexibility and controls the amount of material delivered.

Pressure Pots, Reservoirs for Dispensing

Specifications	
Tank body	Aluminium
Tank base	6-6 Nylon
Tank top	6-6 Nylon
O-Ring seal	Fluoroelastomer rubber
Inside diameter	4.75” (121mm)
Inside depth	8.0" (203mm)
Outside diameter	6.25" (159mm)
Overall height	10.75” (273mm)

Pressure Pots, Reservoirs for Dispensing

Specifications	
Maximum operating pressure	75 psi
Includes: IDM-REG-1/8E-6MM (regulator & pressure gauge, 1/8” elbow to 6mm push-fit), material tubing: 6mm natural PE (2m length) and 6mm black PE (2m length)	

Ordering Information

Part number	Description
IDMPP500	Pressure pot dispensing reservoir – 500g
IDMPP1000	Pressure pot dispensing reservoir – 1 litre
IDMPP1000W	Pressure pot dispensing reservoir – 1 litre wider style

Pressure Pots, Reservoirs for Dispensing

Let’s start by talking about your application

 01865 842842	 orders@intertronics.co.uk

- Name*
- Company*
- Phone*
- Email*
- Post code*

If you're in the UK, knowing your postcode would help us get in touch even more quickly. If you're outside the UK, please indicate your country.

Pressure Pots, Reservoirs for Dispensing

Tell us about your application

Any information that you submit using this form will be processed according to our privacy policy.

Comments

This field is for validation purposes and should be left unchanged.

Submit

Supplied by:

INTERTRONICS
12a Station Field Industrial Estate, Banbury Road, Kidlington
Oxfordshire England OX5 1JD
t 01865 842842 e info@intertronics.co.uk

Last updated: September 2023 Version: 8.5