

# Pressure Pot With Pneumatic Agitation

## 5 Litre Size Stainless Steel Chamber

AD5000ML-STAG

Data Sheet

The AD5000ML-STAG pressure pot (maximum pressure 100 psi) is designed to accommodate all liquids and adhesives. The tank accommodates 6mm or 1/4" OD feed tubing with tube compression fittings for a continuous fluid path from the reservoir bottom inside the pot to the dispensing valve. Stainless steel body and lid. This version has an pneumatic agitator built-in to ensure liquids do not settle out when in use and remain blended and consistent.

Airtight seals ensure no leakage or air entrapment problems. 100 psi safety pressure easily handles fluid with viscosity up to 25,000 cps. Air port quick connect fitting and top ported outlet. Easy connect with 6mm push fit to any compressed air supply.

Reservoirs



### Specifications

Colour:	Silver
Outer Size:	154mm Wide x 505mm High
Inner Chamber:	150mm Wide x 315mm Deep
Weight:	7.8kg
Max Fluid Viscosity:	Liquids up to 25,000 CPS
Max Pressure:	100 psi
Air Inlet:	6mm OD Push Fit Tube
Material Outlet:	6mm OD Tube Compression
Closure:	3 Stainless Steel Swing Bolts/ Star Grips
Closure Seal:	Viton O-Ring
Wetted Parts:	Type 303/304 Stainless Steel
Blade Material:	Type 316 Stainless Steel
Minimum Speed:	30 RPM
Maximum Speed:	450 RPM
Speed Under Load:	235 RPM
Air Consumption:	5.3 Litre/ Second
Torque:	10 Nm
Rotation:	Clockwise/ Anti-Clockwise
Mixer:	Stainless Steel Shaft/ Single Blade Impeller
Warranty:	1 Year
Details:	CE Approved



- Advantages:** Robust, easy to use and control, low maintenance, long lasting, no overload damage, high starting torque, no sparks.
- Drawbacks:** Uses high volume of compressed air, noisy, hard to control at low speed, require lubrication, not reversible.
- Capabilities:** Compatible with most applications and fluids, adjustable speed
- Application:** Best to use in applications requiring high torque, with high viscosity fluids and hazardous or flammable materials.

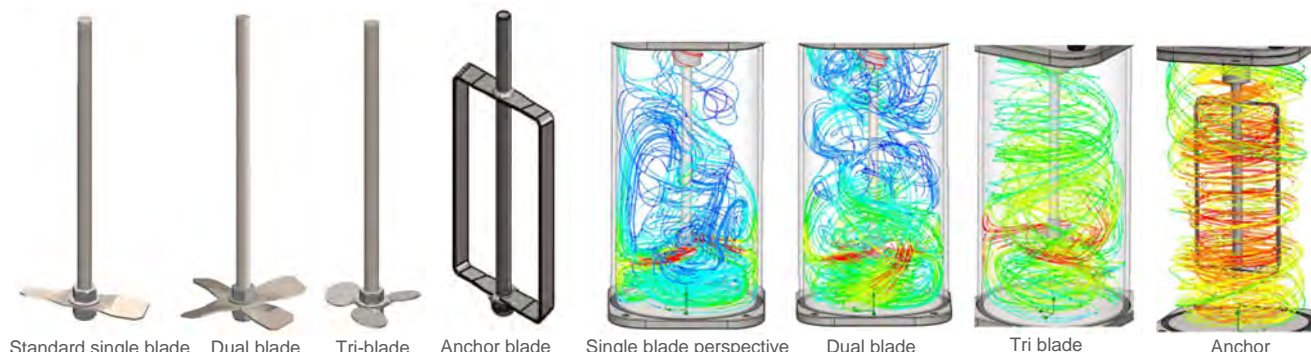
Supplied with single blade element as standard. Optional dual-blade, tri-blade and anchor blade are available to order.

Single & Dual blade mixing element provide simplicity, ease of maintenance and speed. Best for low and medium viscosity fluids with no exothermic reactions. Use in applications where mixing at random speed is no issue.

Anchor mixing element provides a more consistent stir throughout the Height. Best for medium to high viscosity fluids and thixotropic fluids. Use in applications where a stir is necessary to provide homogeneity.

Tri-blade mixing element provides speed, particularly suited for low viscosity fluids in bio and medical applications. Easy to maintain, the round paddles are designed to minimize inertia with fluids and homogeny mix throughout the vessel volume.

The perspectives below show fluid movements according to the design of the mixing blade rotating at 200 RPM in a 5L pressure pot filled with water.



Standard single blade

Dual blade

Tri-blade

Anchor blade

Single blade perspective

Dual blade

Tri blade

Anchor

## HOW TO ORDER

Simply quote our part number, quantity required, your order number or reference and delivery address - it couldn't be easier.

- 1 **BY TELEPHONE:**  
01908 686660
- 2 **BY FAX:**  
01908 686836
- 3 **FROM OUR WEBSITE:**  
[adhesivedispensers.co.uk](http://adhesivedispensers.co.uk)
- 4 **BY EMAIL:**  
[orders@adhesivedispensers.co.uk](mailto:orders@adhesivedispensers.co.uk)

**HOURS OF BUSINESS**  
MONDAY TO FRIDAY 9AM TO 5.30PM

### Reasons to use our dispensing components

- Industrial grade** - certified safe for use to 100 psi. Will not break when in use under pneumatic or mechanical pressure.
- Certified Silicone-Free.** Our components will not contaminate fluids placed when in use including specialist adhesives.
- Burr-free.** All blunt tips are electro-polished and produced to a high precision finish.
- Widest range** - we stock millions of parts in many different styles and an extensive range of cartridges, nozzles, mixers.
- Fast lead times.** Most products are held in stock and available within days not weeks.
- Boxed** - most of our tips are supplied in sealed boxes for easy identification and protection against contamination.
- Batch codes** - all labelled with batch codes for traceability.
- Expert support.** We recommend our products to ensure our customers receive the right solution for their application.



## HOW TO PAY

We are happy to accept payment by the following methods:

### CREDIT CARD

Please quote your card number, start and expiry dates and security digits together with your name, address and delivery address.



### CHEQUE

Cheques for collection must be supported by a valid bank guarantee card.

### ACCOUNT

Accounts may be opened within 4 hours, subject to status, following receipt of a completed account application form. Please contact our Accounts Department direct on **01908 686663** for further details.

**PRICES GIVEN ARE IN POUNDS STERLING AND MAY BE SUBJECT TO CHANGE**

### ALL PRICES ARE SUBJECT TO VAT

Standard Terms and Conditions apply

### GOODS COLLECTION

Pre-ordered goods can be collected from our Milton Keynes warehouse facility by arrangement only.



### Overseas Delivery Charges

We ship goods into Europe, North and South America, Asia, Middle East, Australia and Africa. We use UPS, FedEx, DHL and Postal Services. Please contact us for specific pricing and options for all overseas shipping.

Visit our growing customer knowledge base for more product information, data sheets, videos and advice.

[https://www.adhesivedispensing.net/kb\\_results.asp](https://www.adhesivedispensing.net/kb_results.asp)



**ISO 9001:2015**

Quality Management System

Certificate Number

CA14756

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