

Adhesive Dispensing

TS1215 User Guide



CAUTIONS AND WARNINGS

Cautions

- Maximum 60 PSI (4 BAR)
- Eye Protection Required
- Do not attempt to open the lid until pressure had been reduced at source
- Lid knobs must be hand tightened only



WARNINGS

READ THE MATERIAL SAFETY DATA SHEETS FOR SPECIAL PRECAUTIONS FOR THE SPECIFIC MATERIAL BEING DISPENSED. WEAR PROTECTIVE SAFETY EQUIPMENT AS SPECIFIED IN THE MATERIAL SAFETY DATA SHEETS.

CHECK WITH FACTORY IF UNSURE ABOUT DISPENSING MATERIALS OTHER THAN CYANOACRYLATE.

CYANOACRYLATE ADHESIVES ARE SEVERE EYE IRRITANTS AND SKIN BONDERS. IMMEDIATE BONDING OF EYES, SKIN OR MOUTH MAY OCCUR UPON CONTACT. THESE ADHESIVES MAY CAUSE PERMANENT EYE DAMAGE.

AVOID EYE, MOUTH AND SKIN CONTACT. USE FULL COVER SAFETY GLASSES. AVOID BREATHING ADHESIVE VAPORS. PROVIDE ADEQUATE VENTILATION.

IF EYE BECOMES BONDED, IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES AND CALL A PHYSICIAN. IF THE EYE IS STUCK SHUT, DO NOT FORCE OPEN.

IF SKIN BONDED, QUICKLY SOAK IN WARM WATER. DO NOT USE EXCESSIVE FORCE TO FREE BONDED AREA.

WHEN USING FLAMMABLE SOLVENTS, EXTINGUISH ALL SOURCES OF IGNITION IN THE IMMEDIATE WORK AREA AND OBSERVE PROPER PRECAUTIONARY MEASURES FOR HANDLING THE MATERIAL.

NOTE: IN ADDITION TO THE ABOVE WARNINGS, MORE CAUTIONARY WARNING NOTES WILL BE FOUND IN OTHER SECTIONS OF THIS MANUAL WHERE APPLICABLE.



Industrial
Grade Safe



INTRODUCTION

The TS1215 PRESSURE DISPENSER offers a convenient, easy to use system for dispensing *cyanoacrylates, as well as many solvents, lubricants and other low viscosity materials. Loosen Clamp Knob, swing Lid open, place a container of material to be dispensed, connect Dip Tube, close lid, tighten Clamp Knob, pressurise chamber and begin dispensing. The simplicity and reliability of the TS1215 pressure pot design provides for exceptional performance, minimum maintenance, and easy repair.

SPECIFICATION

Size:	4.5" W x 7.00" H (114.3mm W x 177.8mm H)
Chamber:	4.0" ID x 6.00" H (101.6mm W x 152.4mm H)
Weight:	2.5kg (5.5 lbs.)
Maximum Pressure:	60 psi (4 BAR)
Warranty:	12 Months

FEATURES

- Easy to replace disposable plastic dip tube and fluid lines.
- Accepts standard 500g Cyanoacrylate bottles.
- No pouring required - just place bottle inside chamber.
- Hand tight locking nuts - no tools required.
- Adjustable regulator with gauge for a range of fluids.

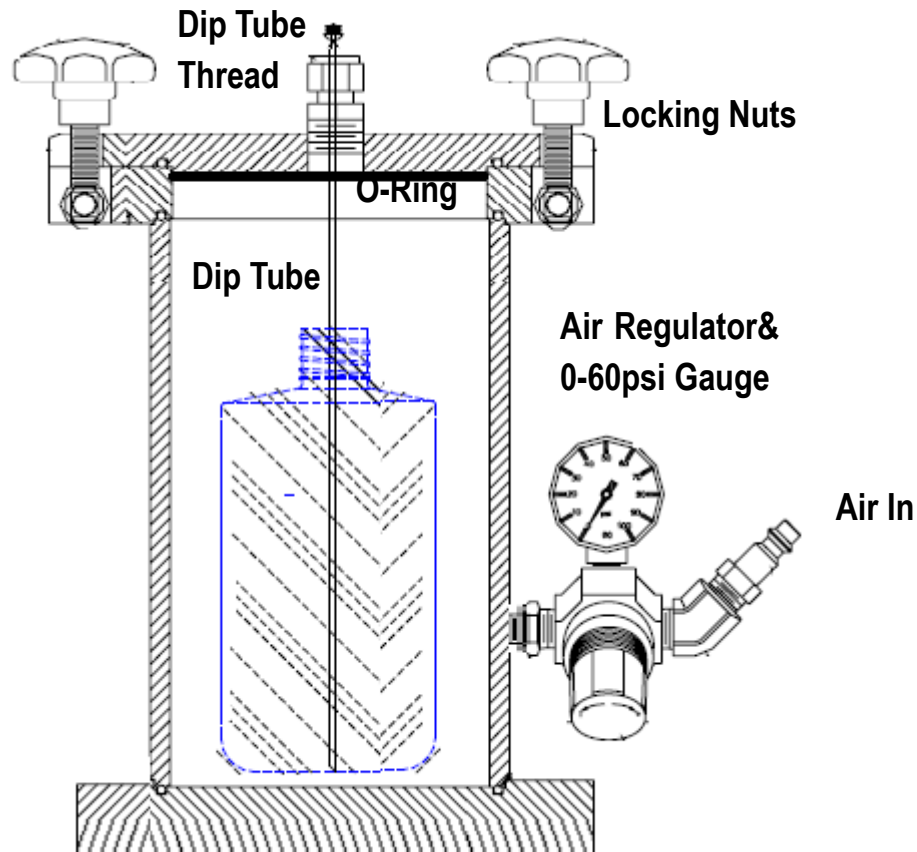
DESCRIPTION

The TS1215 PRESSURE DISPENSER enables dispensing of low viscosity materials directly from 500g bottles. Air pressure forces the material from the bottle in the tank pressure chamber and through a disposable supply line into an optional TS1201 Dispensing Pen or TS1212 Micro Shot Valve assembly (or other valve). The material is dispensed through disposable polyethylene fittings/lines to the Dispensing valve. The material flow rate is controlled by an Air Pressure Regulator on the Dispenser Base. The quantity is controlled by the Pinch Valve in the optional Pen or On-Off Valve assembly.

Warning

* Cyanoacrylate Adhesives are severe eye irritants and skin bonders. Immediate bonding of eyes, skin or mouth may occur upon contact. These Adhesives may cause permanent eye damage.

Read the material safety data sheets for special precautions for the specific material being dispensed. Wear Protective safety equipment as specified in the material safety data sheets.



SETUP

1. Remove pressure pot from shipping container and inspect for damage. Check pre-assembled Regulator on tank side is not damaged.
2. Locate dip tube supplied - clear tube to white fitting.
3. Remove tank lid by unscrewing each of the (4) locking nuts and removing. Lift lid from the base.
4. Push dip tube through hole in top of tank lid. Attach white fitting into tank lid thread. Tighten carefully, use a spanner if required. Do not overtighten.

CAUTION: Never pour Adhesives or other materials directly into Dispenser. Use Adhesive Bottle or similar containment vessel.

5. Locate adhesive bottle. Remove cap supplied with new adhesive bottle. Cap may be saved for future re-sealing of bottle.
6. Place bottle without cap/lid into the centre of the pressure pot base chamber. In the centre.
7. Place tank lid onto tank base ensuring clear dip tube sits into the adhesive bottle opening.
8. Carefully attach all 4 tank lid nuts (hand tight only).

CAUTION: Plant air supply should provide dried, filtered air with pressure not to exceed 60 psi. If plant air is not dry and filtered, a 5 Micron Air Filter (TSD800-6) is available as a recommended accessory.

9. Insure Pressure Regulator is off (set at zero), turn Regulator Knob clockwise until it stops.
10. Attach Air Hose from filtered source (see caution above) to Threaded Air Inlet Fitting on regulator at side of tank.
11. Attach fluid line to white dip tube connector. Attach other end to valve. Pressurise to start flow of fluid.



CERTIFICATE OF CONFORMITY

Model TS1215 Serial No. _____

We hereby certify that this Pressure Pot conforms to Category B of the Simple Pressure Vessels Directive 87/404/EEC. It has a PSV below 50 bar/litres and must not be CE marked. It has been pressure tested by Adhesive Dispensing Ltd to: 4 bar (60psi) for a maximum working pressure of: 4 bar (60psi). Always follow the user instructions and do not exceed the maximum working pressure.

CONSUMABLE REPLACEMENT SPARE PARTS

Dip Tube: TSD931-7DT
Lid O-Ring: TE998-ORING
Fluid Lines: TSD126-324PK - 24" Long Clear
TSD126-336PK - 36" Long Clear
TSD126-336BPK - 36" Long Black
TSD126-360BPK - 60" Long Clear

WARRANTY

Adhesive Dispensing Ltd warrants this product to the original purchaser for a period of one (1) year from date of purchase to be free from material and workmanship defects but not normal wear-and-tear, abuse and faulty installation. Defective product or subassembly and components under warranty will be repaired or replaced (at Adhesive Dispensing Ltd option) free of charge. Customer with defective product under warranty must contact the nearest Adhesive Dispensing Ltd office or distributor to secure a return authorisation prior to shipping the product to the assigned Adhesive Dispensing Ltd authorised service centre.

For Adhesive Dispensing Ltd contact information, please visit www.adhesivedispensing.co.uk. Adhesive Dispensing Ltd reserves the right to make engineering product changes without notice.