

Technical Data Sheet (V-1.0)

ADoST PPS-PLS

A pressure pot dispenser for low to medium viscous Anaerobic, Cyanoacrylate ad UV adhesives

10th Jan 2026

Product Description

ADoST PPS-PLS is a pneumatically operated, pressure-time dispensing system designed to improve dispensing efficiency and consistency. The system supports adhesive bottles of sizes 50 ml, 250 ml, and 500 ml, reducing frequent bottle changeovers and improving productivity. It is equipped with the ADoST Pinch Valve which is a non-wetting valve, offering practically unlimited valve life while providing repeatable performance over a long time.

The system is suitable for dispensing Anaerobic, UV, and Cyanoacrylate adhesives and is primarily designed for drop dispensing applications. Bead dispensing can be performed using ADoST Pen or by synchronizing with automated equipment such as a rotary table using third-party controlled PLC. The adhesive flow rate can be preset by adjusting the input air pressure, while the dispensing quantity is controlled through the timer and pinch valve operation.



Note: Pinch valve stand is not included in the package

Applications

ADoST PPS PLS is designed to be used with low to medium viscous single component adhesives in following chemistries.

- Anaerobic adhesives
- UV adhesives
- Cyanoacrylate adhesives



Product Features

- Offers both timer and manual dispensing modes
- Dual dispensing outputs from a single machine (Separate model)
- Compatible with third-party PLC for bead dispensing on automated equipment
- Adjustable air pressure to control adhesive flow rate.
- Slide valve for quick charging and exhaust

Technical Data

Model Number	ADoST-PPS-PLS-CY-23-2P	ADoST-PPS-PLS-AN-46-6P	ADoST-PPS-PLS-UV-46-6P
Size (Metric)	MCU(291X196X150mm) Pot(250X226X381.5mm)		
Weight	10 Kg		
Operating temperature range	10°C to +45°C		
Response time	0.02s		
Usage	Indoor use		
Max Number of Saved Programs	One for each output		
Operating Air Pressure	2 Bar (Max.)	6 Bar (Max.)	
Minimum Dispense amount	0.018gm		
Pinch Tube ID	2mm	4mm	
Recommended for	Cyanoacrylate Adhesive	Anaerobic Adhesive	UV Adhesive

System Includes

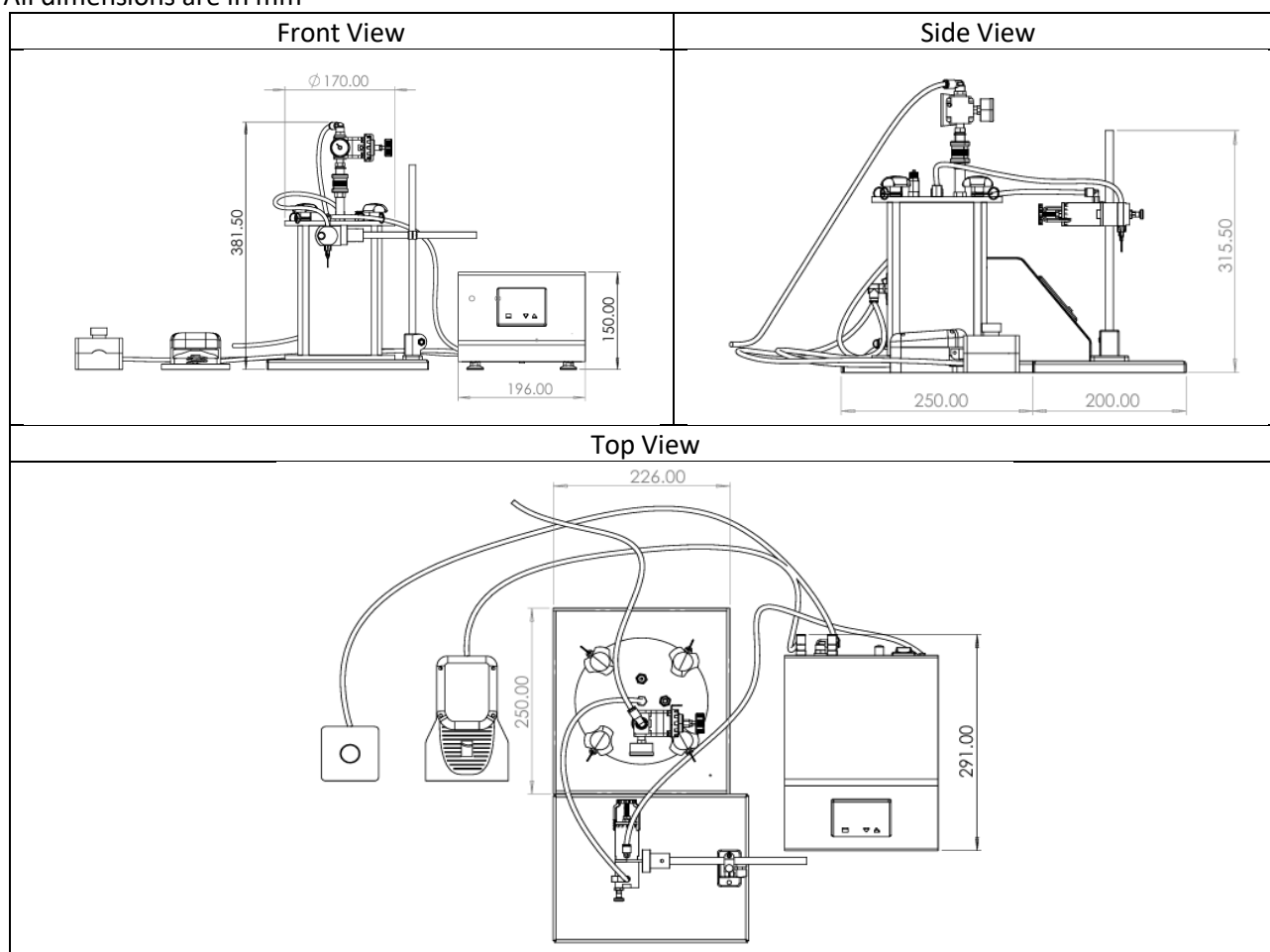
- 2.2 Litre Pressure Pot
- MCU
- Emergency Switch
- 6mm pneumatic pipe of ½ meter
- Power cable
- ADoST Pinch Valve
- Foot Switch
- 8 and 10mm hose connectors
- Operation manual (only soft copy)

Consumables (Separate Purchase)

- Pinch Tube
- Nozzle

Detailed Dimensions

All dimensions are in mm



Warranty

ADoST PPS PLS is guaranteed against any defects in workmanship and material for a period of one year from the date of supply.

Customization

All ADoST dispensing equipment are designed to be flexible and specific customization may be possible against customer requests at added cost. However, only ADoST's R&D team is authorized to issue written confirmation/acceptance of any customization.

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