



ADoST PPS-PRO

Adhesive Dispensing System



www.adost.in

ADoST PPS-PRO



Digital Switch

Controls operating pressure range

Buzzer

Warning for pressure change and low level

Foot switch

Large size for industrial needs

Emergency Stop

Button to shutdown operation

HMI

Interactive panel

Hardware level sensor

Needle

For fine dispensing of adhesive

ADoST Pinch Valve

Pinch Valve Stand

Accurate positioning of the valve

ADoST PPS-PRO



Electro-pneumatically operated semi-automatic pressure-time system

ADoST PPS-PRO is an electro-pneumatically operated, semi-automatic pressure-time dispensing system for the application of Anaerobic, Cyanoacrylate and UV adhesives.

The adhesive volume is precisely controlled by adjusting the input pressure and dispense time. Key features include a non-contact low-level indicator for timely bottle changeovers, a drop counter, and an operator lock-out function to reduce errors and ensure process consistency.

The system also supports optional automatic part sensing and can be integrated with desktop robots for fully automated gluing operations.

Features

- Offers both timer and manual mode.
- Provides repeatable dose within +/- 0.005gm (tested with low viscous materials).
- Minimum dispensing shot size 0.007gm.
- Programmable up to 50 in numbers.

Compatible Adhesive Technologies

Anaerobic, Cyanoacrylate, and Ultraviolet (UV) curing adhesives.



Model comparison



Feature	PPS PLS	PPS-NXT	PPS-PRO
Image			
Mode	Timer	Timer+Manual	Timer+Manual
Precision	High	High	High
HMI	-	Yes	Yes
Pinch Valve	Yes	Yes	Yes
Pinch Valve Stand	OP	Yes	Yes
Pen/Pen Stand	OP	OP	OP
Software Level Sensor	No	Yes	Yes
Hardware Level Sensor	No	No	Yes
Program Memory	1	50	50
Compatibility with Third Party PLC	Yes	Yes	Yes
Part Sensor	OP	OP	OP
Dual Dispensing Output	Yes	Yes	No

***OP (Optional Purchase)**

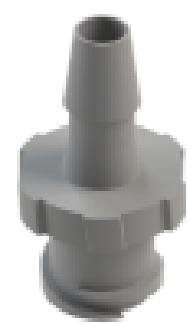
Consumables



Pinch Tube



Nozzels



Luer barb connector

Consumables to be purchased separately

Address

Factory

1K2K Dosing and Dispensing Pvt. Ltd.
Building No.55, Plot No.A-44/1/A-55,
MIDC Chakan ,Phase II, Vasuli,Tehsil-Khed,
Dist. Pune 410501 Maharashtra

R&D & Digital Center

1K2K Dosing and Dispensing Pvt. Ltd
No. 702, 7th Floor, Shivom Regency
Survey No. 176, Baner Main Road
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Your Friendly Dosing System