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ADS-4 Automatic Dosing System

GRINDING/POLISHING





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TROJAN (SUZHOU) MATERIAL TECHNOLOGY CO.,LTD

ADS-4 Automatic Dosing System

Overview:

The ADS-4 is an automatic dispensing system designed for metallographic grinding and polishing machines. It is equipped with four dispensing bottles as standard, each with a 500 mL capacity, and can be expanded to eight bottles with an optional extension module.

The system features a 5-inch touch screen and can operate independently or be connected to the Alpha-610 automatic grinding system, where ADS-4 programs can be directly accessed from the Alpha-610 interface for seamless integration.

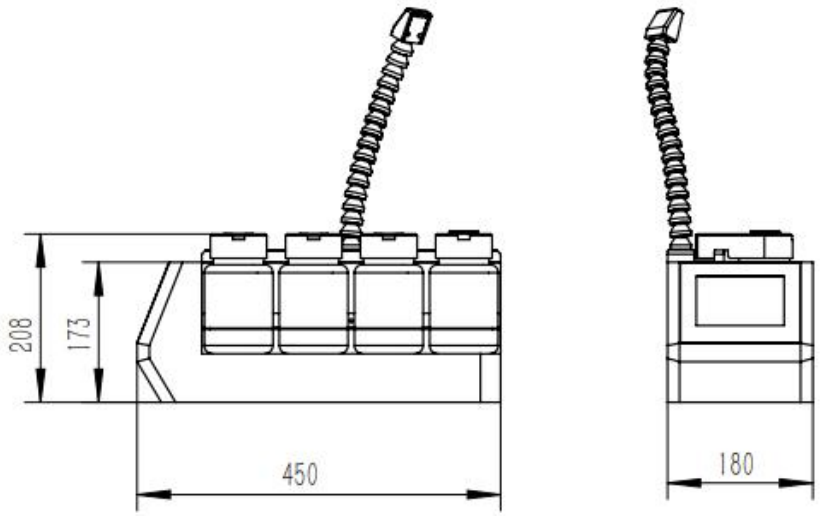
Features:

- Each bottle is equipped with an independent stirring mechanism, ensuring stable operation even with non-suspension polishing solutions.
- 5-inch touch screen with storage and editing capability for up to 18 process programs.
- Adjustable dispensing flow rate and stirring speed.
- Automatic filling of empty delivery tubes.
- Automatic return of residual polishing solution to the original bottle.
- One-touch pipeline flushing for simple and efficient maintenance.

Technical Data:

Model	ADS-4
Input Voltage	AC100-240V
Number of Dispensing Bottles	4-8
Capacity	500mL
Dispensing Flow Rate	14-24mL/min
Stirring Speed	Three levels: Low / Medium / High
Timer Range	0-999s
Operating Temperature	-20˚C - 60˚C
Operating Humidity	0-95%RH

Dimension Figure



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