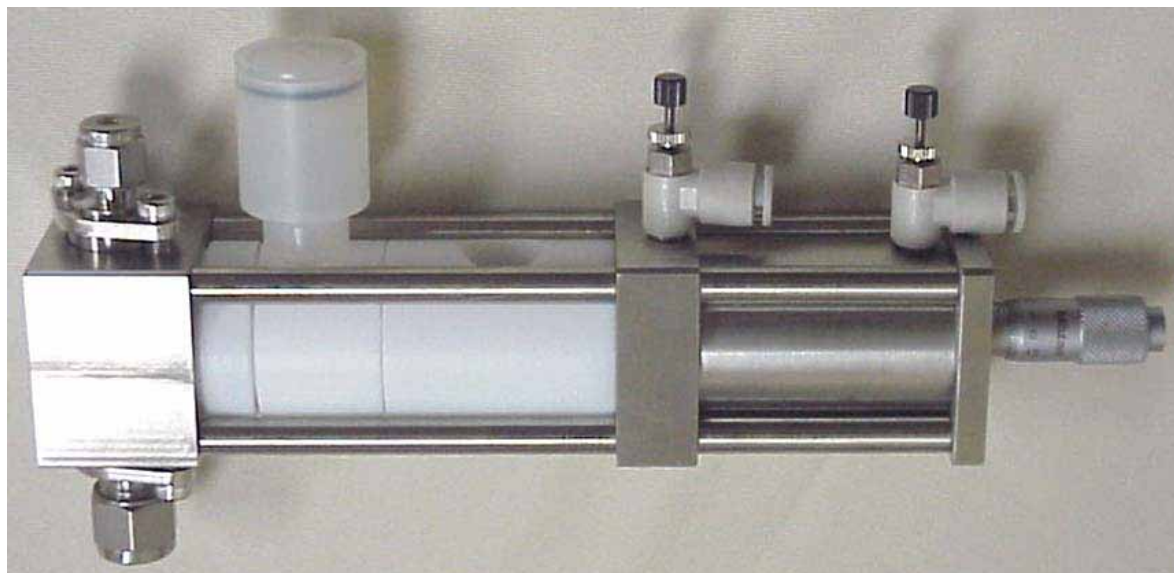


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HF PUMP FOR BATTERY MANUFACTURING

Model: HFA10C/12C



1. Outline, Features

This is a pneumatically-driven plunger measuring pump. By adopting a high precision driving mechanism with the stroke set by a micrometer, the intake and dispense speed is consistent and high precision is maintained over a long time. The operation is stable for a long time so it is best suited for the electrolyte solution of battery manufacturing.

- With a newly-developed stainless steel pump head, less air bubbles are incorporated and the dispense is consistent even with a small volume.
- The sealing area of the pump head is a block structure, which is easy for maintenance.
- The stainless steel tube joint connection does not introduce air bubbles to the pump head.
- The amount of dispense is set by a micrometer which does not have a setting error.
- It can be used by connecting the 4-way solenoid valve only with 5 ports.

2. Specifications

Pump head	10	12
Amount of dispense (cc)	0.50 – 2.50	1.40 – 7.20
Dispense precision	0.50cc ± 0.5%	1.40cc± 0.5%
Operation air pressure	0.35 MPa or higher	
Setting for the amount of dispense	Micrometer head	
Speed setting	Exhaust flow speed controller	
Weight(Kg)	1.2	1.5