Electrolyte Filler VD102AS (cylindrical cans)

Model: VD102AS

1. Objective

The VD102AS efficiently injects electrolyte into a battery can within an evacuated cell.With one button, the can holder will rise to create a vacuum, and the electrolyte will befilled into the can after precisely measured at the pump.

I. The injection amount is precisely measured using a motor drive pump.Setting the injection amount is easy.

II. The injection speed can be controlled at any setting using a flow control pump.

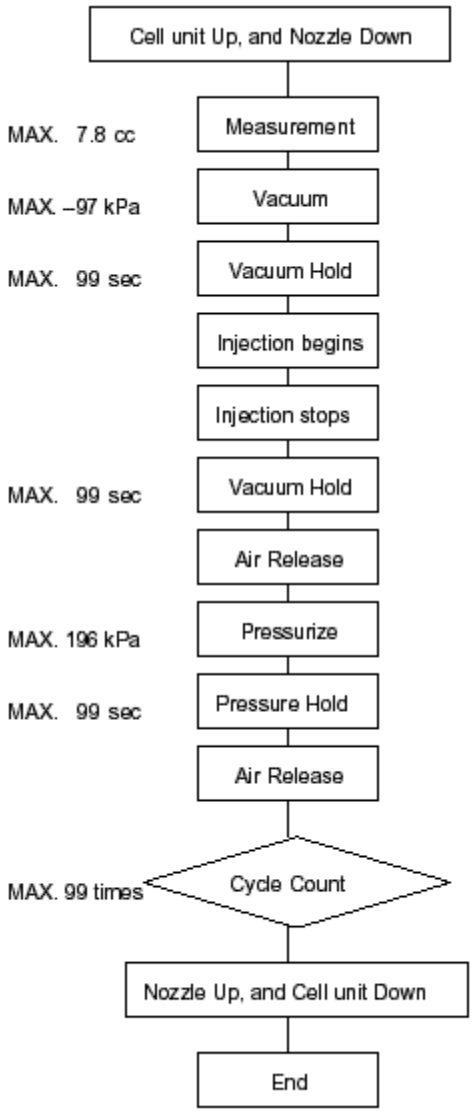
III. The electrolyte is injected from a stock tank through a flow control pump.

IV. Because the injection conditions, such as a pressure reduction, holding, theinjection, a pressure increase, can be independently set.

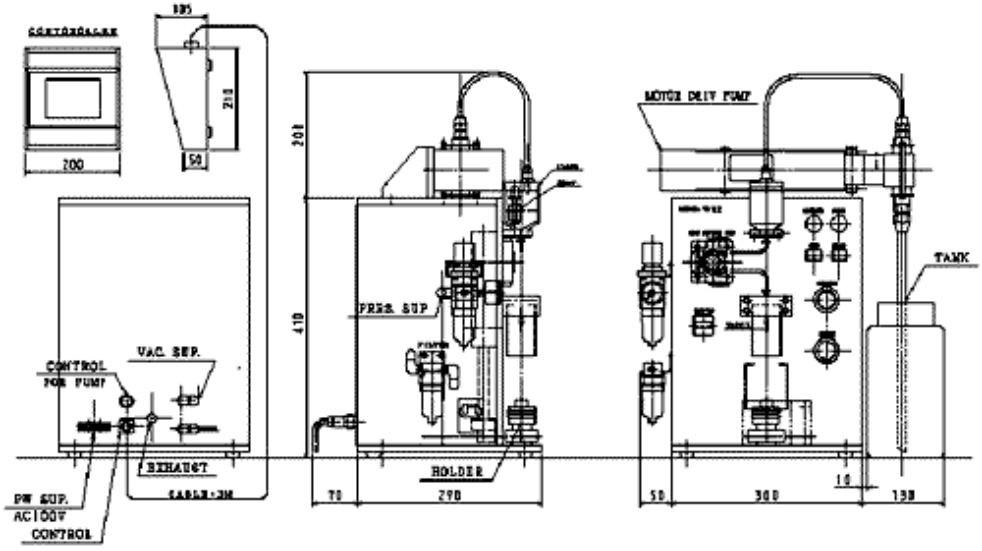
V. A vacuum level, injection rate, etc. can be adjusted manually.

2. Specifications	
a. Application:	Electrolyte vacuum injection machine for lab use.
b. Power:	AC100V, 50/60Hz 200W
c. Controller:	Sequence control
d. Compressor supply:	9.9kgf/cm2 or less (argon/N2)
e. Amount of injection:	1.0-7.8cc : HFP-12A
f. Flow rate of injection:	0.3cc/sec. Or Up
g. Max. Vacuum:	-97kPa (-730mmHg)
h. Max. Pressure:	196kPa (2.0kg/cm2)
i. Exterior dimensions:	Main body 300W x 450H x 370D Vacuum Pump 122W x 160H x 203D
j. Weight:	Main body approx. 25kg
k. Standard accessory:	Battery holder (18650), nozzle, and an operational manual

Process Flow Diagram



Appearance



Application: Advanced energy
Product type: Machinery
Production scale: Lab
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