ACS Material Equipment Series

PressPro™ Button Cell Battery Disassembling/Sealing Machine

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Revision: 071824

I. Product Composition

1) Main Machine

Photo of Disassembling/Sealing Machine

II. Product Features

This is a lightweight hydraulic manual crimping battery packaging and dismantling machine, designed primarily for early-stage research and development of battery materials and the extraction of samples from internal battery components. The machine offers several advantages, including a compact size, light weight, ease of operation, precise dismantling, and excellent sample preparation. It is also convenient for use inside a glove box.

III. Product Specifications

Product Name	PressPro™ Button Cell Battery Disassembling/Sealing Machine			
Model	EPBMFO2N	EPBMC02N	EPBMF2NS	EPBMC2NS
Type of Mold	Sealing Mold	Disassembling Mold	Sealing Mold	Disassembling Mold
Pressure Range	0-2T/25MPa			
Pressure Conversion	1MPa=0.08t/1t=12.5MPa			
Type of Pressure Gauge	Pointer gauge with dual-scale display for pressure and force		Digital gauge with a display accuracy of 0.01 MPa	
Piston Diameter	Φ32mm chrome-plated hydraulic cylinder			
Pressurization and Depressurization Method	Manual pressurization/ gradual pressurization, manual depressurization			
Sealing Pressure Range	Generally between 0.7-1.2 tons			
Disassembling Pressure Range	Generally within 0.4 tons			
Standard Mold Specifications	CR20 series			

Optional Mold Specifications	CR16, CR20, CR24, CR30 series disassembling/sealing molds
Structural type	Integrated structure, equipment without sealed connections, reducing oil leakage points
Overall Dimensions	210×160×290mm
Weight	12kg
Configuration Description	Manual disassembly or sealing of button cell batteries can be achieved by changing the mold type