

Manual Supercapacitor Plug Pressing Machine

Item Number: CX12



Introduction

Manual supercapacitor plug pressing machine for post-filling battery assembly, delivering compact, flexible operation with a 20mm working stroke, 60mm product diameter compatibility, and glovebox transfer capability for efficient laboratory production workflows in advanced electrochemical research environments today worldwide.

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Application	Description	Key Benefit
Supercapacitor assembly	Pressing plugs after electrolyte filling during supercapacitor cell assembly.	Provides a dedicated manual station for the specified post-filling operation.
Battery laboratory assembly	Supporting the plug-pressing step after battery filling in laboratory-scale assembly workflows.	Compact dimensions help preserve valuable laboratory workspace.
Electrochemical R&D	Processing prototype batteries or supercapacitors during research and development activities.	Manual operation accommodates flexible development schedules and changing sample needs.
Glovebox-based cell preparation	Moving the unit through a Phi360 mm glovebox transfer chamber for compatible controlled-environment workflows.	Enables practical placement where the stated transfer-chamber diameter is available.
Small-format product processing	Handling products with a 60 mm diameter in the standard applicable format.	Gives buyers a defined starting point for product-to-equipment compatibility checks.
Customized cell-format projects	Configuring the equipment for product diameters outside the standard stated suitability.	Supports adaptation to application-specific battery or supercapacitor product dimensions.

Parameter	Specification
Site-facing item number	CX12
Primary use	Pressing plugs after electrolyte filling in batteries and supercapacitors
Operating type	Manual
Working stroke	20mm
External dimensions	L200 x W200 x H450mm
Weight	15Kg
Standard suitable product diameter	60mm
Customization	Available for product diameter requirements
Glovebox transfer compatibility	Can freely pass through a glovebox transfer chamber with diameter Phi360mm