

Ct Testing Solid State Battery Device

Item Number: BE09



Introduction

CT testing solid state battery device for compact cell fixture evaluation with 2 mm inner diameter, optional display, external fixture, and 2 ton sensor integration for laboratory research workflows.

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Application	Description	Key Benefit
Solid State Battery Cell Testing	Prepare compact solid-state battery assemblies for CT testing using the defined 2 mm internal fixture geometry and compatible mold arrangement.	Supports repeatable setup for small-format research samples.
Solid Electrolyte Research	Use the fixture during development work involving solid electrolytes, compact test cells, and experimental material combinations.	Provides a defined mechanical platform for early-stage materials evaluation.
Battery R&D Laboratory Workflows	Integrate the unit into laboratory procedures that require fixture assembly before transferring the prepared mold to a testing system.	Simplifies preparation and reduces unnecessary handling before testing.
Advanced Materials Development	Apply the equipment to compact material research assemblies where fixture dimensions, clearance, and structural layout must be planned in advance.	Delivers clearly specified geometry for equipment integration.
Force Measurement Testing	Configure the assembly with the optional 2 ton sensor when test procedures require force-related measurement capability.	Extends the fixture arrangement for measurement-focused laboratory work.
Instrumented Test Stations	Add the optional display to create a more complete local indication arrangement around the configured test fixture.	Improves access to visible readings during laboratory operation.
Custom Laboratory Integration	Incorporate the fixture into a buyer-defined test station after reviewing the 70 mm external diameter and 109 mm structural height.	Supports practical planning for compact installation spaces and associated equipment.

Specification Category	Parameter	Value
Product Identification	Item number	BE09
Product Type	Equipment	CT testing solid state battery device
Internal Geometry	Inner diameter	2 mm
Fixture Dimensions	External fixture diameter	70 mm
Structural Dimensions	Height from bottom to top of three-column structure	109 mm
Assembly Options	External fixture	Can be added during assembly
Assembly Options	Display	Can be added during assembly
Assembly Options	Sensor capacity	2 ton sensor can be added during assembly
Testing Preparation	Mold requirement for testing	Only one mold is required when sending the assembly for testing