

T E C H N I C A L D A T A S H E E T

InSitu Pro[™] Coin-Cell Peltier Test Platform APE120V-BB

4-channel coin-cell platform · -25 to 120 °C · TEC · max 10 °C/min



InSitu Pro[™] APE120V-BB — coin-cell Peltier test platform for charge-discharge testing on 4 channels.

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SECTION I

Product Description

InSitu Pro™ APE120V-BB is a coin-cell Peltier test platform: it enables efficient charge–discharge testing of coin cells on 4 channels over a –25 to 120 °C range — the coin cells sit in four slots on the platform.

Thermoelectric (TEC) heating and cooling hold ± 0.1 °C temperature stability with a maximum heating & cooling rate of 10 °C/min; the basic configuration lists no cooling controller and no liquid-nitrogen tank. The sample stage is specified as suitable for coin cells, and the platform measures 130 × 90 × 54.5 mm at a net weight of 1.2 kg. Cell-format, electrode, and instrument-specific requirements are confirmed at quotation.

SECTION II

Specifications

InSitu Pro™ APE120V-BB — Specifications	
Model #	APE120V-BB
SKU #	EIPE12VB
Heating / Cooling Method	TEC (thermoelectric)
Temperature Range	–25 °C ~ 120 °C
Temperature Stability	± 0.1 °C
Temperature Control Rate	Max heating & cooling rate 10 °C/min
Sample Stage	Suitable for coin cells
Dimensions	130 × 90 × 54.5 mm
Net Weight	1.2 kg

SECTION III

Application Fields

- Efficient charge–discharge testing of coin cells
- Coin-cell testing across a –25 to 120 °C range
- 4-channel testing — coin cells in four slots
- TEC heating and cooling at up to 10 °C/min

SECTION IV

Configuration

Basic configuration (per platform): 1 × main unit (APE120V-BB coin-cell test platform), 1 × temperature controller, and temperature-control software, plus connection cables, tubing and accessories. Options come from a shared accessory list: adapter plates, a vacuum system, host PCs, and custom temperature-control software. Applicability to the APE120V-BB and the final configuration are confirmed at quotation.

The APE120V-BB is supplied by quotation: request via the product page or the InSitu Pro™ Stage Selector at www.acsmaterial.com; our engineers confirm the configuration for your instruments and reply with pricing and lead time.

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