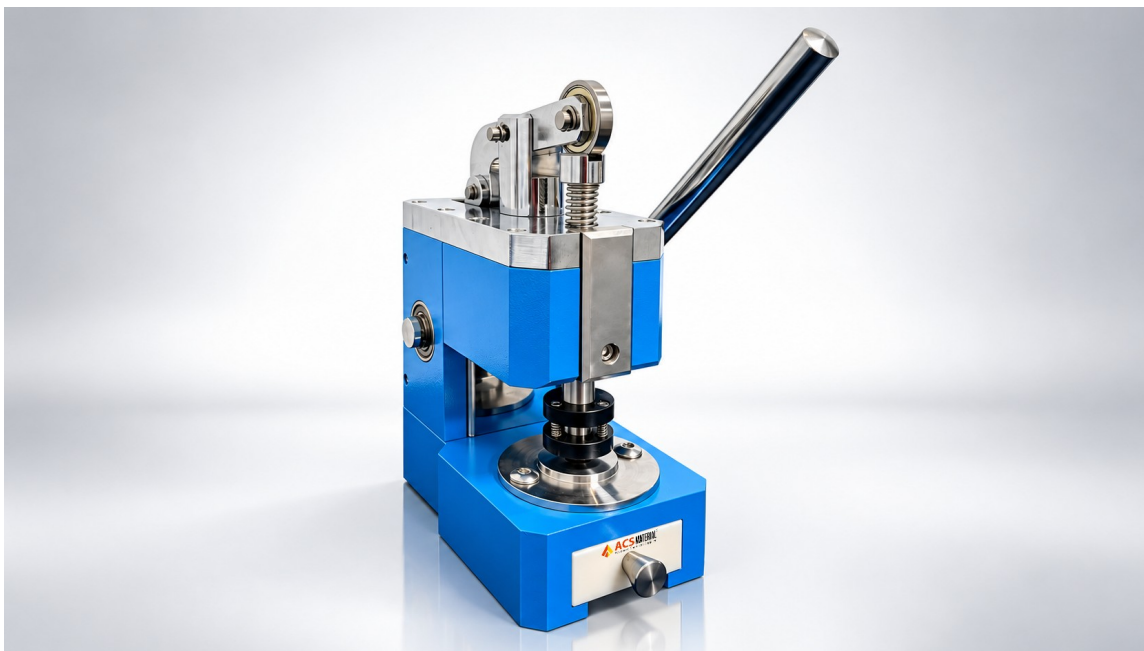


TECHNICAL DATA SHEET

PressPro™ Battery Material Slicing Machine

Manual lever operation · punching pressure ≥ 200 kg · interchangeable $\Phi 3$ -24 mm molds · glove-box ready



PressPro™ EPBBMQ10 — Representative Configuration

The PressPro™ Battery Material Slicing Machine (model EPBBMQ10) is a manually operated punching and cutting device for battery-industry materials. Image shown for reference.

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ACS MATERIAL, LLC

959 E Walnut St., Suite 100
Pasadena, CA 91106, USA
Phone +1 (866) 227-0656
Fax +1 (781) 518-0284
contact@acsmaterial.com
Revision Date **10/01/2026**

SECTION I

Product Overview

The PressPro™ Battery Material Slicing Machine (model EPBBMQ10) is a manually operated slicing device specifically designed for punching and cutting various materials used in the battery industry. By utilizing different punching and cutting molds, it efficiently produces clean slices of various sizes and materials. The resulting products are free from burrs, marks, and contamination, boasting aesthetic appeal, lightweight design, and ease of operation. It is suitable for use inside a glove box.

The EPBBMQ10 delivers a punching pressure of ≥ 200 kg with a maximum punch stroke of 16 mm on a L140×W80 mm work surface. Interchangeable punching molds cover $\Phi 3$ –24 mm (standard series $\Phi 10/\Phi 12/\Phi 14/\Phi 15/\Phi 16/\Phi 19/\Phi 20$ mm optional); $\Phi 12$ mm and $\Phi 16$ mm molds are included as standard. An antistatic ABS material collection box is included.

SECTION II

Core Advantages

- **Manual lever operation** — fully manual punching – no power supply required; simple lever action with a maximum punch stroke of 16 mm
- **Clean, burr-free slices** — punched slices are free from burrs, marks, and contamination, with an aesthetic finish
- **Interchangeable punching molds** — molds from $\Phi 3$ –24 mm; standard series $\Phi 10/\Phi 12/\Phi 14/\Phi 15/\Phi 16/\Phi 19/\Phi 20$ mm optional; $\Phi 12$ mm and $\Phi 16$ mm dies included as standard; alternative specifications available on request
- **Built for battery materials** — punches 0.01–0.5 mm sheet materials – lithium battery separators and electrodes
- **Glove-box ready** — compact footprint (200×120×280 mm), lightweight (approximately 10 kg), and manually operated – suitable for use inside a glove box
- **Antistatic collection box** — material collection box in antistatic ABS keeps punched pieces clean and easy to retrieve

SECTION III

Specifications

Technical data — model EPBBMQ10

Specifications	
Brand	PressPro™ by ACS Material
Product Name	PressPro™ Battery Material Slicing Machine
Model (SKU)	EPBBMQ10
Punching Pressure	≥ 200 Kg
Punch Stroke	Maximum 16mm
Applicable Punching Materials	0.01–0.5mm thick sheet materials, suitable for punching lithium battery separators and electrodes (in special cases, A4 paper is required as a backing for punching)
Work Surface	L140×W80mm
Punching Mold	$\Phi 3$ –24mm, standard series $\Phi 10/\Phi 12/\Phi 14/\Phi 15/\Phi 16/\Phi 19/\Phi 20$ mm (optional)
Standard Punching Mold	$\Phi 12$ mm and $\Phi 16$ mm in diameter; alternative specifications available on request
Material Collection Box	Antistatic ABS material
Equipment Dimension	200×120×280mm
Approx. Weight	10 kg

Scope of delivery

— **Standard configuration** — EPBBMQ10 slicing machine with $\Phi 12$ mm and $\Phi 16$ mm punching dies and antistatic ABS material collection box (alternative die specifications available on request)

— **Optional, not included** — additional punching molds ($\Phi 3$ – 24 mm; standard series $\Phi 10/\Phi 12/\Phi 14/\Phi 15/\Phi 16/\Phi 19/\Phi 20$ mm)

Final accessories and scope of supply are confirmed in the quotation.

SECTION IV

Applications

For battery laboratories punching separators and electrodes from 0.01–0.5 mm sheet materials. The manual lever design needs no power and fits inside a glove box. Select the punching mold diameter ($\Phi 3$ – 24 mm) according to the required slice size.

Product value: manual punching with ≥ 200 kg pressure, interchangeable $\Phi 3$ – 24 mm molds, and an antistatic collection box – producing clean, burr-free slices for battery research. Confirm the punching mold diameter and material thickness against your sample requirements before ordering.

Revision Date: 10/01/2026

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