

DATASHEET · SAMPLE PREP

Portable Ultrasonic Cell Disruptor.

SKU BIO-0584 Spec v1 Rev. 2026-06-25

DATASHEET · P
BIO-
Rev 2026



PRODUCT FAMILY
ANIMAL MODEL
APPLICATION
COUNTRY OF ORIGIN
MFG. STANDARD
LOT TRACEABLE **No**
VERIFIED **Spec v1 · 2026-06-25**

PRODUCT SPECIFICATIONS

FROM PUBLISHED PROD

AUTOMATION LEVEL	manual	FREQUENCY (KHZ)	20~30, automatic tracking
CRUSHING CAPACITY (ML)	0.1~150 (horn-dependent)	STANDARD AMPLITUDE POLE (MM)	3 or 5
OPTIONAL AMPLITUDE POLE (MM)	2, 3, 5, 6	ULTRASONIC POWER (W)	2.5~250, adjustable
TEMPERATURE ALARM RANGE	0~100 degrees C	ULTRASONIC TIME SETTING	0.1~9.9 s (on/off)
STANDARD ACCESSORIES	Bracket	OPTIONAL ACCESSORIES	Foot switch, sound proof box
PACKAGE SIZE (W X D X H)	470 x 305 x 450 mm	POWER/VOLTAGE	AC220V, 50/60Hz (standard); A optional
WEIGHT	14 kg	BRAND	ConductScience
RESEARCH DOMAIN	Analytical Chemistry, Cell Biology, Food Science, Materials Science, Microbiology, Pharmaceutical QC	DIMENSIONS LxWxH (MM)	45.0 x 47.0 x 30.5
WEIGHT (KG)	14.0	AVAILABILITY	In stock

BILL OF MATERIALS · 1 LINE ITEMS

BASE CONF

QTY	ITEM	SKU
1	Portable Ultrasonic Cell Disruptor	BIO-0584



Scope.

INFO@CONDUCTSCIENCE.COM CONDUCTSCIENCE.COM

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BILL OF MATERIALS · EXTENDED ATTRIBUTES

ITEM

Portable Ultrasonic Cell Disruptor

MATERIALS REFERENCE

0 MATERIAL

CODE

DESCRIPTION

PROPERTIES

USED IN

Cross-reference.

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OPERATING & STERILIZATION ENVELOPES

CONDITIONS, CYCLES, COMI

OPERATING

TEMPERATURE

HUMIDITY

PRESSURE

STORAGE

TEMPERATURE

HUMIDITY

ORIENTATION

STERILIZATION & CLEANING

AUTOCLAVE

GAMMA

AVOID

ETO

WIPE

ANIMAL COMPATIBILITY

BY SPECIES

NOTES

USE & S

SPECIES	BODY WEIGHT	CHAMBER FIT
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Specifications verified against current published product data. Verified 2026-06-25 · Since 2026-06-25.

Cite: ConductScience BIO-0584, Spec v1, 2026-06-25. conductscience.com/lab/portable-ultrasonic-cell-disruptor

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