

DATASHEET · SAMPLE PREP

Continuous Flow Ultrasonic Cell Disruptor.

SKU BIO-0583 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	semi-automated	FREQUENCY	19.5~20.5KHz
STANDARD AMPLITUDE-CHANGE POLEΦ	Φ40*250mm or Φ40*370mm	CRUSHING CAPACITY/ONCE	500~10000ml
CRUSHING CAPACITY/CONTINUOUSLY	100L/day	ULTRASONIC POWER(W)	1000~4000W, adjustable
TIME SET	Optional: continuous/pulse	MAX. WORKING TIME	99h59min59sec
SAFETY SYSTEM	Over temperature; Time; Overload; No load	STANDARD ACCESSORIES	Main machine, energy converter standard amplitude, sound proof supporting frame)
OPTIONAL ACCESSORIES	Stainless steel reactor, peristaltic pump, low temperature water tank	PACKAGE SIZE(W*D*H)	675*305*450mm(Main body); 430*415*730mm(Soundproof
BRAND	ConductScience	RESEARCH DOMAIN	Analytical Chemistry, Cell Biolog Food Science, Industrial Hygiene Materials Science, Microbiology Pharmaceutical QC
POWER/VOLTAGE	AC220V, 50/60Hz(Standard); AC110V, 50/60Hz(Optional)	WEIGHT	32kg
DIMENSIONS L×W×H (MM)	45.0 × 67.5 × 30.5	WEIGHT (KG)	32.0
AVAILABILITY	In stock		

QTY	ITEM	SKU
	Scope. Continuous Flow Ultrasonic Cell Disruptor	BIO-0583
	INFO@CONDUCTSCIENCE.COM CONDUCTSCIENCE.COM	BIO-0583 · DATASH

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BILL OF MATERIALS · EXTENDED ATTRIBUTES

ITEM

Continuous Flow 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-0583, Spec v1, 2026-06-25. conductscience.com/lab/continuous-flow-ultrasonic-cell-disruptor

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