

DATASHEET · SAMPLE PREP

# Ultrasonic Cell Disruptor UCD Series.

SKU BIO-0582 Spec v1 Rev. 2026-07-09

DATASHEET · P  
**BIO-**  
Rev 2026



PRODUCT FAMILY  
ANIMAL MODEL  
APPLICATION  
COUNTRY OF ORIGIN  
MFG. STANDARD  
LOT TRACEABLE **No**  
VERIFIED **Spec v1 · 2026-07-09**

## PRODUCT SPECIFICATIONS

FROM PUBLISHED PROD

MODEL	UCD-150, UCD-250, UCD-500, UCD-650, UCD-950, UCD-1200, UCD-1500, UCD-1800, UCD-2000	FREQUENCY (KHZ)	20~25 (UCD-150 to UCD-950) 19.5~20.5 (UCD-1200 to UCD-1500)
CRUSHING CAPACITY (ML)	0.1~150, 0.1~300, 0.1~400, 0.1~500, 0.1~700, 1~1000, 10~1200, 1~1200, 50~2000	ULTRASONIC POWER (W)	1.5~150, 2.5~250, 5~500, 6.5~10~1000, 12~1200, 15~1500, 18~1800, 20~2000
STANDARD PROBE DIAMETER (MM)	6 (UCD-150), 20 (UCD-250), 22 (UCD-500/650), 25 (UCD-950)	POWER/VOLTAGE	AC220V, 50/60Hz (standard); A optional
AUTOMATION LEVEL	semi-automated	BRAND	ConductScience
RESEARCH DOMAIN	Analytical Chemistry, Cell Biology, Food Science, Materials Science, Microbiology, Pharmaceutical QC	DIMENSIONS L×W×H (MM)	42.0 × 43.6 × 38.0
WEIGHT (KG)	26.0	AVAILABILITY	In stock

## BILL OF MATERIALS · 1 LINE ITEMS

BASE CONF

QTY	ITEM	SKU
1	Ultrasonic Cell Disruptor UCD Series	BIO-0582



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**Scope.**

[INFO@CONDUCTSCIENCE.COM](mailto:INFO@CONDUCTSCIENCE.COM)   [CONDUCTSCIENCE.COM](https://CONDUCTSCIENCE.COM)

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## BILL OF MATERIALS · EXTENDED ATTRIBUTES

ITEM

Ultrasonic Cell Disruptor UCD Series

## 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 2026-07-09 · Since 2026-07-09.

**Cite:** ConductScience BIO-0582, Spec v1, 2026-07-09. [conductscience.com/lab/ultrasonic-cell-disruptor-ucd-series](https://conductscience.com/lab/ultrasonic-cell-disruptor-ucd-series)

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