

DATASHEET · BENCHTOP INSTRUMENTS

# High Speed Ultrasonic Homogenizer.

SKU BIO-0590 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 PRODUCT

AUTOMATION LEVEL	semi-automated	TIMING RANGE	0~99h59m59s
CONSUMPTION REGULATION	Automatic recognition	WORKING HEAD SIZE	Φ40*250mm
WORKING HEAD TYPE	Slub type	MINIMUM IMMERSION DEPTH	150~300mm
EMULSIFICATION DISPLAY	LCD display	EMULSIFICATION SPEED	4000~26000rpm adjustable
EMULSIFICATION HEAD MATERIAL	316L	EMULSIFICATION HEAD DIAMETER	Stator outer diameter 30mm
MAXIMUM SHEAR SPEED	47m/s	EMULSIFICATION INPUT CONSUMPTION	1050W
BRAND	ConductScience	RESEARCH DOMAIN	Analytical Chemistry, Cell Biology, Food Science, Materials Science, Microbiology, Pharmaceutical Quality Control
CAPACITY	Consumption Adjustment Mode	DISPLAY TYPE	7 inches touch screen display
TEMPERATURE RANGE	-10~199℃	DIMENSIONS L×W×H (MM)	15.0 × 81.0 × 41.0
WEIGHT (KG)	13.0	AVAILABILITY	In stock

## BILL OF MATERIALS · 1 LINE ITEMS

BASE CONFIGURATION

QTY	ITEM	SKU
1	High Speed Ultrasonic Homogenizer	BIO-0590

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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
High Speed Ultrasonic Homogenizer

## MATERIALS REFERENCE

0 MATERIAL

CODE	DESCRIPTION	PROPERTIES	USED IN
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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-0590, Spec v1, 2026-07-09. [conductscience.com/lab/high-speed-ultrasonic-homogenizer](https://conductscience.com/lab/high-speed-ultrasonic-homogenizer)

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