

DATASHEET · IMAGING & ANALYSIS

Pro Atomic Absorption Spectrophotometer.

SKU BIO-0411 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

AUTOMATION LEVEL	semi-automated	WAVELENGTH RANGE	170~900nm
SPECTRAL BANDWIDTH	0.1, 0.2, 0.4, 0.8, 1.2, 1.6, 2.6nmnm	WAVELENGTH ACCURACY	±0.1nm
WAVELENGTH REPEATABILITY	≤0.05nm	DETECTOR	Photomultiplier tube detector
MONOCHROMATOR	Classic Czerny-Turner configuration	OPTICAL SYSTEM FOCAL LENGTH	430mm
CHARACTERISTIC CONCENTRATION	Flame method for Cu: ≤0.03µg/mL/1%	DETECTION LIMIT	Flame method for Cu: ≤0.002µg
PRECISENESS	Flame method for Cu: ≤0.25%	BACKGROUND CORRECTION ABILITY	Zeeman correction: ≥1.8Abs, background ≥150 times
DIFFRACTION GRATING	Plane diffraction grating(1800 grooves/mm, blazed at 250nm)	LAMP STAND	8(Support simultaneous preheat 1~4 lights)
STANDARD ACCESSORY	Element lamp(Cu*1, Hg*1), software working station	BRAND	ConductScience
RESEARCH DOMAIN	Analytical Chemistry, Clinical Diagnostics, Environmental Monitoring, Food Science, Industrial Hygiene, Materials Science, Pharmaceutical QC	DIMENSIONS LxWxH (MM)	63.0 × 101.0 × 62.0
WEIGHT (KG)	115.0	AVAILABILITY	In stock

Chat with us

ITEMS · 1 LINE ITEMS

BASE CONF

QTY	ITEM	SKU
	Scope. Pro Atomic Absorption Spectrophotometer	BIO-0411
INFO@CONDUCTSCIENCE.COM	CONDUCTSCIENCE.COM	BIO-0411 · DATASH

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BILL OF MATERIALS · EXTENDED ATTRIBUTES

ITEM

Pro Atomic Absorption Spectrophotometer

MATERIALS REFERENCE

0 MATERIAL

CODE	DESCRIPTION	PROPERTIES	USED IN
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Cross-reference.

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OPERATING & STERILIZATION ENVELOPES

CONDITIONS, CYCLES, COM

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-0411, Spec v1, 2026-07-09. conductscience.com/lab/atomic-absorption-spectrophotometer-bk-aa860b-pr

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