

DATASHEET · IMAGING & ANALYSIS

# Double Beam Scanning UV/VIS Spectrophotometer.

SKU BIO-0403 Spec v1 Rev. 2026-06-23

DATASHEET · P  
**BIO-**  
Rev 2026



PRODUCT FAMILY  
ANIMAL MODEL  
APPLICATION  
COUNTRY OF ORIGIN  
MFG. STANDARD  
LOT TRACEABLE **No**  
VERIFIED **Spec v1 · 2026-06-23**

PRODUCT SPECIFICATIONS

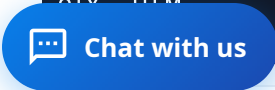
FROM PUBLISHED PROD

AUTOMATION LEVEL	semi-automated	BK-D580	BK-D590
OPTICAL SYSTEM	Double Beam, Grating 1200 lines/mm	WAVELENGTH RANGE	190~1100nm
SPECTRAL RANGE	1.8nm	1NM	0.5, 1, 2, 4, 5nm
WAVELENGTH ACCURACY	±0.3nm	WAVELENGTH REPEATABILITY	≤0.2nm
PHOTOMETRIC ACCURACY	±0.002A(0~0.5Abs), ±0.004A(0.5~1.0Abs), ±0.3%T(0~100%T)	PHOTOMETRIC REPEATABILITY	0.001Abs(0~0.5Abs), 0.002Abs(0.5~1.0Abs), ≤0.2%T(0~100%T)
STRAY LIGHT	≤0.04T@360nm; 220nm	STABILITY	±0.0003A/h@500nm
BASELINE FLATNESS	±0.0005A	NOISE	±0.0002Abs
BRAND	ConductScience	RESEARCH DOMAIN	Analytical Chemistry, Cell Biolog Environmental Monitoring, Food Science, Microbiology, Pharmac QC
DISPLAY TYPE	65 thousand true color 7 inch TFT LCD(480*800)	DIMENSIONS L×W×H (MM)	44.0 × 74.0 × 57.0
WEIGHT (KG)	25.0	AVAILABILITY	In stock

BILL OF MATERIALS · 1 LINE ITEMS

BASE CONF

QTY	ITEM	SKU
	Double Beam Scanning UV/VIS Spectrophotometer	BIO-0403



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**Scope.**

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

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## BILL OF MATERIALS · EXTENDED ATTRIBUTES

### ITEM

Double Beam Scanning UV/VIS 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 2026-06-23 · Since 2026-06-23.

**Cite:** ConductScience BIO-0403, Spec v1, 2026-06-23. [conductscience.com/lab/double-beam-scanning-uv-vis-spectrophotometer](https://conductscience.com/lab/double-beam-scanning-uv-vis-spectrophotometer)

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