

DATASHEET · IMAGING & ANALYSIS

UV/VIS Spectrophotometer - Single Beam Series.

SKU BIO-0410 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

PRODUCT TYPE	variable	OPTICAL SYSTEM	High performance holographic grating, 1200L/mm, single beam
SPECTRAL BANDWIDTH	2.0nm	WAVELENGTH RANGE	190-1100nm
PHOTOMETRIC RANGE	-0.301 to 3.0A; 0-200%T; 0-9999C	STABILITY	+/-0.001A/h (500nm)
STANDARD ACCESSORIES	4 cuvettes	RESEARCH DOMAIN	Analytical Chemistry, Cell Biology, Clinical Diagnostics, Environmental Monitoring, Food Science, Pharmaceutical QC
MODEL	UV1200, UV1000G, UV1600G, UV1800G	WAVELENGTH ACCURACY	+/-0.5nm
WAVELENGTH REPEATABILITY	<=0.2nm	PHOTOMETRIC ACCURACY	+/-0.002Abs (0-0.5Abs); +/-0.004Abs (0.5-1.0Abs); +/- (0-100%T)
PHOTOMETRIC REPEATABILITY	0.001Abs (0-0.5Abs); 0.002Abs (0.5-1.0Abs); <=0.15%T (0-100%T)	STRAY LIGHT	<=0.05%T (220nm and 360nm)
DISPLAY	7.0 inch LCD screen	WORK MODES	A (Absorbance), T (Transmittance), E (Energy), C (Concentration)
WAVELENGTH SETUP	Automatic	DETECTOR	Imported silicon photodiode
LIGHT SOURCE	Long-life deuterium lamp and tungsten lamp	DATA EXPORT	USB
DIMENSIONS LxWxH (MM)	20.0 x 46.6 x 36.5	WEIGHT (KG)	10.1
AVAILABILITY	In stock		

Scope:

QTY	ITEM	SKU
	INFO@CONDUCTSCIENCE.COM CONDUCTSCIENCE.COM	BIO-0410 · DATASH

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BILL OF MATERIALS · EXTENDED ATTRIBUTES

ITEM

UV/VIS Spectrophotometer - Single Beam Series

MATERIALS REFERENCE

0 MATERIAL

CODE

DESCRIPTION

PROPERTIES

USED IN

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-0410, Spec v1, 2026-07-09. conductscience.com/lab/uv-vis-spectrophotometer-bk-uv-series

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