

DATASHEET · REFRACTOMETERS

# ABBE Digital Refractometer.

SKU BIO-0470 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	MEASURING RANGE	1.30000~1.70000nD, Brix: 0~1%
MEASURING RESOLUTION	±0.00001nD, Brix: ±0.01%	MEASURING ACCURACY	±0.0002nD, Brix: ±0.1%
TEST MODE	8	WEIGHT	9kg
TEMPERATURE RESOLUTION	0.1	TEMPERATURE ACCURACY	0.1
INTERFACE	RS232, USB, U disk	PRISM	Hard glass
EXTERNAL SIZE(W*D*H)	340*200*110mm	PACKAGE SIZE(W*D*H)	500*330*220mm
BRAND	ConductScience	RESEARCH DOMAIN	Analytical Chemistry, Environment Monitoring, Food Science, Industrial Hygiene, Materials Science, Pharmaceutical QC
TEMPERATURE RANGE	10~60	DISPLAY TYPE	7 LCD touch screen
POWER/VOLTAGE	AC110/220V, 50/60Hz	DIMENSIONS L×W×H (MM)	11.0 × 34.0 × 20.0
WEIGHT (KG)	9.0	AVAILABILITY	In stock

BILL OF MATERIALS · 1 LINE ITEMS

BASE CONF

QTY	ITEM	SKU
1	ABBE Digital Refractometer	BIO-0470

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**Scope.**

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

BIO-0470 · DATASH

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**BIO-**

Rev 2026

BILL OF MATERIALS · EXTENDED ATTRIBUTES

ITEM

ABBE Digital Refractometer

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-0470, Spec v1, 2026-07-09. [conductscience.com/lab/abbe-digital-refractometer](https://conductscience.com/lab/abbe-digital-refractometer)

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