

DATASHEET · BENCHTOP INSTRUMENTS

Electronic Universal Testing Machine.

SKU BIO-0842 Spec v1 Rev. 2026-07-09

DATASHEET · P

BIO-

Rev 2026

PREVIEW — FIELDS F



PRODUCT FAMILY
 ANIMAL MODEL
 APPLICATION
 COUNTRY OF ORIGIN
 MFG. STANDARD
 LOT TRACEABLE **No**
 VERIFIED **Spec v1 · 2026-07-09**

PRODUCT SPECIFICATIONS

FROM PUBLISHED PROD

MODEL	BK-UTM5	MAX TESTING FORCE	50N, 100N, 200N, 500N, 1000N, 2000N, 5000N
ACCURACY LEVEL	Level 1	TYPE	Single-arm structure
LIMIT OF ALLOWABLE ERROR FOR TESTING FORCE INDICATION	≤±1% of Indication	FORCE MEASUREMENT RANGE	2%~100%FS
FORCE RESOLUTION	1/250000 of the maximum test force	LIMIT OF INDICATION ERROR FOR DISPLACEMENT	≤±1% of Indication
MINIMUM DISPLACEMENT RESOLUTION	0.01mm	BEAM SPEED RANGE	0.01~500mm/min
RELATIVE ERROR OF BEAM SPEED	≤±1%	STRETCHING DISTANCE	700mm
POWER SUPPLY	AC220V, 50/60Hz(Standard); AC110V, 50/60Hz(Optional, external transformer)	EXTERNAL SIZE(L*W*H)	420*280*1150mm
NET WEIGHT	120kg	PACKING SIZE(L*W*H)	550*600*1600mm
GROSS WEIGHT	135kg	AVAILABILITY	In stock

BILL OF MATERIALS · 1 LINE ITEMS

BASE CONF

QTY	ITEM	SKU
1	Electronic Universal Testing Machine	BIO-0842

Scope.

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BILL OF MATERIALS · EXTENDED ATTRIBUTES

ITEM

Electronic Universal Testing Machine

MATERIALS REFERENCE

0 MATERIAL

CODE

DESCRIPTION

PROPERTIES

USED IN

Cross-reference.

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PREVIEW — FIELDS F

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-0842, Spec v1, 2026-07-09. conductscience.com/lab/electronic-universal-testing-machine

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