

DATASHEET · AGRICULTURE & FOOD SCIENCE

Plant Transpiration Rate Meter.

SKU AGR-0035 Spec v1 Rev. 2026-07-12

DATASHEET · P
AGR-
Rev 2026-07-12
PREVIEW — FIELDS F



PRODUCT FAMILY
ANIMAL MODEL
APPLICATION
COUNTRY OF ORIGIN
MFG. STANDARD
LOT TRACEABLE No
VERIFIED Spec v1 · 2026-07-12

PRODUCT SPECIFICATIONS FROM PUBLISHED PRODUCT

AIR TEMPERATURE (T_AIR) RANGE	0–50 °C	AIR TEMPERATURE RESOLUTION	0.1 °C
AIR TEMPERATURE ERROR	±0.2 °C	LEAF TEMPERATURE (T_LEAF) SENSOR TYPE	Platinum
LEAF TEMPERATURE RANGE	0–50 °C	RELATIVE HUMIDITY RANGE	0–100 %
RELATIVE HUMIDITY RESOLUTION	0.1 %	RELATIVE HUMIDITY ERROR	≤ ±3 %
PAR SENSOR TYPE	Silicon photocell with correction filter	PAR RANGE	0–2500 μmol m ⁻² s ⁻¹
PAR ACCURACY	< 5 μmol m ⁻² s ⁻¹	FLOW MEASUREMENT	Glass rotameter
STANDARD LEAF CHAMBER SIZE	55 mm × 20 mm (custom sizes available)	OPERATING TEMPERATURE	20–50 °C
OPERATING RELATIVE HUMIDITY	0–100 % (non-condensing)	POWER SOURCE	4 V Li-ion battery
BATTERY LIFE	7–9 hours continuous operation	DATA STORAGE	2 GB SD card
DISPLAY	320 × 160 dot-matrix	AVAILABILITY	In stock

BILL OF MATERIALS · 1 LINE ITEMS BASE CONFIGURATION

QTY	ITEM	SKU
1	Plant Transpiration Rate Meter	AGR-0035

Scope.

INFO@CONDUCTSCIENCE.COM CONDUCTSCIENCE.COM

AGR-0035 · DATASH

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BILL OF MATERIALS · EXTENDED ATTRIBUTES

ITEM
Plant Transpiration Rate Meter

MATERIALS REFERENCE 0 MATERIALS

CODE	DESCRIPTION	PROPERTIES	USED IN
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Cross-reference.

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Rev 2026

PREVIEW — FIELDS F

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 2026-07-12 · Since 2026-07-12.

Cite: ConductScience AGR-0035, Spec v1, 2026-07-12. conductscience.com/lab/plant-transpiration-rate-meter

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