

DATASHEET · AGRICULTURE & FOOD SCIENCE

Plant Photosynthesis Meter.

SKU AGR-0023 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 PROD

CO ₂ SENSOR RANGE	0–2500 ppm (resolution ≤0.1 ppm)	PAR QUANTUM SENSOR RANGE	0–3000 μmol·m ⁻² ·s ⁻¹ (400–700 nm)
LEAF TEMPERATURE RANGE	0–45°C (±1°C)	AIR TEMPERATURE RANGE	0–45°C (±1°C)
HUMIDITY RANGE	0–75% RH, non-condensing (±5%)	GAS FLOW RANGE	0–1.0 L/min
LIGHT CONTROL MODULE	0–2000 μmol·m ⁻² ·s ⁻¹ ; red 660 nm, blue 453 nm	LEAF CHAMBER AREA	2 × 3 cm
CHAMBER PRESSURE RANGE	15–115 kPa (resolution ≤0.1 kPa)	MEASURED PARAMETERS	Net photosynthetic rate (Pn), Stomatal conductance (Gs), Intercellular CO ₂ concentration (Ci), Water-use efficiency (WUE)
AVAILABILITY	In stock		

BILL OF MATERIALS · 1 LINE ITEMS BASE CONFIGURATION

QTY	ITEM	SKU
1	Plant Photosynthesis Meter	AGR-0023

Scope.

INFO@CONDUCTSCIENCE.COM CONDUCTSCIENCE.COM

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BILL OF MATERIALS · EXTENDED ATTRIBUTES

ITEM
Plant Photosynthesis Meter

MATERIALS REFERENCE

0 MATERIAL

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-0023, Spec v1, 2026-07-12. conductscience.com/lab/plant-photosynthesis-meter

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