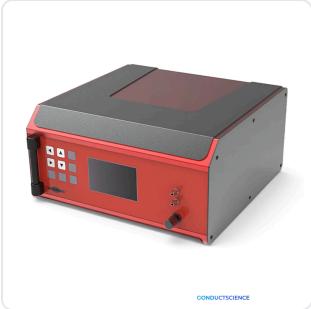
DATASHEET · AGRICULTURE & FOOD SCIENCE

Soil Respiration Meter.

SKU AGR-0083 **Spec** v1 **Rev.** 2026-11-05



VERIFIED

Spec v1 · 2026-11-05

PRODUCT SPECIFICATIONS

FROM PUBLISHED PRODUCT DATA

CO_2 MEASUREMENT	0 to 5000 ppm; resolution 0.1 ppm; accuracy 3 ppm
HUMIDITY MEASUREMENT	0 to 100% RH; resolution 0.1%; accuracy ≤1.8%
STANDARD CHAMBER	1 L headspace; rigid PVC (UPVC) shell, 304 stainless steel lining
CHAMBER DIMENSIONS	160 × 110 × 240 mm overall; soil insert 94 mm diameter × 50 mm deep; headspace 94 mm diameter × 145 mm tall
TEMPERATURE MEASUREMENT	−20 to 80 °C; resolution 0.1 °C; accuracy ±0.2 °C
PHOTOSYNTHETICALLY ACTIVE RADIATION (PAR)	0 to 3000 µmol·m⁻²·s⁻¹; resolution 1 µmol·m⁻²·s⁻¹; accuracy <5 µmol·m⁻²·s⁻¹; response wavelength range 400 to 700 nm
OPERATING CONDITIONS	0 to 50 °C; 0 to 100% RH, non-condensing
AVAILABILITY	In stock

CONTINUOUSLY VERIFIED · SPEC V1

Specifications verified against current published product data. **Verified 2026-11-05 · Since 2026-11-05.**

Cite: ConductScience AGR-0083, Spec v1, 2026-11-05. conductscience.com/lab/soil-respiration-meter