

DATASHEET · AGRICULTURE & FOOD SCIENCE

Fruit Diameter Measuring Instrument.

SKU AGR-0049 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

MEASURING RANGE	0–12.7 mm	DISPLAY RANGE (LENGTH DISPLACEMENT)	0–13 mm
RADIUS RANGE	5–9999.9 mm	RESOLUTION	0.005 mm / 0.0005 in
ACCURACY	20 µm	RADIUS ACCURACY	<1%
DISPLACEMENT MEASUREMENT ERROR	ΔS ≤ 0.02 mm	RADIUS MEASUREMENT ERROR	ΔR ≤ 0.01 × R/S (R = radius measurement, S = corresponding displacement)
POWER SUPPLY	3 V lithium battery (CR2032)	WORKING TEMPERATURE	0–40 °C
HUMIDITY TOLERANCE	Unaffected at relative humidity ≤ 80%	STANDARD CONFIGURATION	5 measuring claws, 2 batteries, instruction manual, plastic storage
OPTIONAL ACCESSORIES	USB data cable, RS232 data cable, ear cover, various brush heads, external display	AVAILABILITY	In stock

BILL OF MATERIALS · 1 LINE ITEMS BASE CONFIGURATION

QTY	ITEM	SKU
1	Fruit Diameter Measuring Instrument	AGR-0049

Scope.

INFO@CONDUCTSCIENCE.COM CONDUCTSCIENCE.COM

AGR-0049 · DATASH

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Rev 2026

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BILL OF MATERIALS · EXTENDED ATTRIBUTES

ITEM
Fruit Diameter Measuring Instrument

MATERIALS REFERENCE

0 MATERIAL

CODE	DESCRIPTION	PROPERTIES	USED IN
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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			

Specifications verified against current published product data. Verified 2026-07-12 · Since 2026-07-12.

Cite: ConductScience AGR-0049, Spec v1, 2026-07-12. conductscience.com/lab/fruit-diameter-measuring-instrument

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