

DATASHEET · AGRICULTURE & FOOD SCIENCE

TYS-4N Plant Nutrition Analyzer.

SKU AGR-0028 Spec v1 Rev. 2026-07-12

DATASHEET · P

AGR-

Rev 2026

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

MEASURED PARAMETERS	SPAD (relative chlorophyll), leaf surface temperature, leaf surface humidity, nitrogen content	SPAD RANGE	0 – 50 SPAD units
LEAF SURFACE TEMPERATURE RANGE	10 – 99.9 °C	LEAF SURFACE TEMPERATURE ACCURACY	±0.5 °C; ±0.2 °C (SPAD mode)
NITROGEN CONTENT RANGE	0.0 – 99.9 mg/g	NITROGEN CONTENT ACCURACY	±0.5 units
NITROGEN CONTENT REPEATABILITY	±5%	LEAF SURFACE HUMIDITY RANGE	0.0 – 99.9 %RH
LEAF SURFACE HUMIDITY ACCURACY	±5%	MEASUREMENT AREA	2 mm × 2 mm
MAXIMUM LEAF THICKNESS	1.2 mm	MEASUREMENT INTERVAL	2 seconds
DISPLAY	High-definition OLED	ONBOARD DATA STORAGE	2,000 records
APP DATA STORAGE	Unlimited (via Bluetooth-connected mobile app)	WIRELESS CONNECTIVITY	Bluetooth (with real-time app synchronization)
POWER SUPPLY	2 × 1.5 V dry batteries	BATTERY LIFE	Up to 5,000 continuous measur
LOW-BATTERY ALERT	Triggered at 20% remaining charge	CALIBRATION METHOD	Multi-point, multi-stage calibrat
AVAILABILITY	In stock		

QTY	ITEM	SKU
Scope.	TYS-4N Plant Nutrition Analyzer	AGR-0028
INFO@CONDUCTSCIENCE.COM CONDUCTSCIENCE.COM		AGR-0028 · DATASH

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PREVIEW — FIELDS F

BILL OF MATERIALS · EXTENDED ATTRIBUTES

ITEM
TYS-4N Plant Nutrition Analyzer

MATERIALS REFERENCE

0 MATERIAL

CODE	DESCRIPTION	PROPERTIES	USED IN
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Cross-reference.

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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-0028, Spec v1, 2026-07-12. conductscience.com/lab/tys-4n-plant-nutrition-analyzer

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