

Bluelab® Pulse Multimedia EC/MC Meter

Bluelab® Pulse — measures EC & moisture directly in growing media. Root zone visibility for precision irrigation. Hydroponics & cocopeat. Agrifirst India.



3x faster

readings with one-click measurement

4x deeper

insights with 8" stainless steel probes

2x better

tracking with Pulse app storage

ABOUT

Bluelab® Pulse — Measure EC & Moisture Content Directly in the Root Zone Media

The Bluelab® Pulse Multimedia EC/MC Meter is a breakthrough tool that measures electrical conductivity (EC) and moisture content directly in the growing media — not just in the feed solution. This gives you real-time visibility into what's actually happening in the root zone, enabling precision irrigation and fertigation decisions that maximize crop performance.

DESCRIPTION

Bluelab® Pulse Multimedia EC/MC Meter revolutionizes root zone management by measuring nutrient concentration (EC) and moisture content (MC) directly inside the growing media — cocopeat, perlite, rockwool, or soil. While standard EC meters only measure the feed solution, Pulse tells you what's actually happening where it matters most — at the root zone.

Why Root Zone Measurement Matters

The EC of your feed solution is NOT the same as the EC in the root zone. Salt accumulation, uneven watering, and plant uptake create significant differences. Pulse reveals these hidden conditions, allowing you to adjust irrigation timing, volume, and nutrient concentration for optimal crop performance.

Key Features

- **Media EC Measurement** — Measures nutrient concentration directly in cocopeat, rockwool, perlite, soil
- **Moisture Content** — Shows percentage water content in the substrate
- **Temperature** — Root zone temperature measurement
- **Instant Readings** — Push into media, get immediate results
- **No Extraction Needed** — Unlike pour-through or 1:2 dilution methods, measures in-situ

Technical Specifications

Measurements	Media EC (mS/cm), Moisture Content (%), Temperature (°C)
EC Range	0–10 mS/cm
MC Range	0–100%
Compatible Media	Cocopeat, rockwool, perlite, peat, soil, vermiculite
Probe	Stainless steel prongs — push-in design
Display	LED indicators

GALLERY

 **AGRIFIRST - FARMERS FIRST**
Plot E-7, Industrial Area, Kanpur - Lucknow Road,
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