



1-MCP & ETHYLENE ANALYZER FOR POSTHARVEST STORAGE



The 1-MCP Pro Analyzer is the world's first commercial solution for precise measurement of 1-MCP and ethylene levels in post-harvest environments. Built specifically for fruit storage, logistics, and agricultural applications, this handheld and portable device helps quality managers, post-harvest scientists, and facility operators optimize freshness, extend shelf life, and ensure consistent results.





1-MCP PRO Features

- 1 | Industry-leading sensor technology capable of discerning between 1-MCP and ethylene.
- 2 | Interval sampling for accurate and comprehensive readings.
- 3 | Fixed form factor for gas detection in any area.
- 4 | Designed for extended use and long-lasting performance.
- 5 | Easy and fast sensor replacement.
- 6 | Easy-to-read and navigate user interface.
- 7 | Data stored locally, or can be logged via USB.

1-MCP PRO Specifications

Accuracy: ± 2 ppm at 2° celcius and ± 1 ppm at room temperature

Display: Sunlight visible transfective LCD

Operating environment: 32°F – 113°F (0°C – 45°C) ;
0-90% relative humidity

Internal Battery: Rechargeable Lithium-Ion (5000 mAh)

Dimensions: 5½ in H x 8¼ in W x 10 in D (140 x 210 x 254 mm) includes body and legs

Weight: 6.5lb (2.95 kg)

Enclosure: Anodized aluminum

Power (when plugged in): Universal AC outlet adapter. Rated voltage 100-240V, 50/60hz, USB A.
Total output: 5V, 2400 mA or higher

Calibration: Replaceable cartridge

Data Logging: Via microSD card

