

ROSTLINY

Chlorofylmetr - MPM-100

Základní vlastnosti

- Měří obsah Chlorofylu, Anthokyanů, Flavonoidů a NFI (Nitrogen-Flavonol Index)
- Doba měření 5 s
- Barevný dotykový displej s vysokým rozlišením
- Interní paměť 4 GB
- Vestavěná GPS
- Rozměry: 78 mm x 180 mm x 50 mm
- Hmotnost pouze 275 g



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Technická specifikace

Measured Parameters:	Relative Chlorophyll Content, Flavonol, Anthocyanin and Nitrogen-Flavonol Index
Measurement Area:	9.5 mm diameter circle
Distance from edge of measuring head to measurement area:	9 mm
Repeatability:	+/- 1%
Noise:	<+/- 2 %
Sources:	Chlorophyll content: Medical grade LED at 720 nm & IR LED at 850 nm Flavonol content: LED at 325 nm & LED at 660 nm Anthocyanin content: LED at 525 nm & LED at 660 nm
Fluorescence Detector:	Single channel Si Photodiode with detection from 720 nm to 900 nm range
Transmittance Detectors:	Single channel Si Photodiode with diffuser to measure from 405 nm to 950 nm
Detection:	Modulated light digitally controlled to minimize background detection Temperature compensation included for light source and detector
Storage Capacity:	4 GB of non-volatile flash memory
Modes:	Single point measurement, averaging of 2 to 8 measurements, median and mean values
User Interface:	240 x 320px color touchscreen Output: USB 1.1
Temperature Range:	0 - 50 °C
Power Source:	2 Rechargeable AA batteries. Charger supplied with instrument
Auto Off Interval:	(no key press or download) Programmable from 0 to 20 minutes
Size:	78 mm x 180 mm x 50 mm. Weight: 0.6 lb / 275g
Measuring time:	5 s
GPS:	Location accuracy range: 0.3m to 2.5m. Longitude, latitude, number of satellites and DOP
Components Included:	MPM-100 Multi-Pigment Meter, Battery charger, 4 AA NiMH rechargeable batteries, USB cable, Carrying case Manual