

Meter PROCHECK: Sensor Readout and Storage System



New and improved-statistical capabilities

The latest version of the ProCheck (the ProCheck C) includes the ability to calculate and display the average and standard deviation for sequentially collected portable measurements.

Real-time readings

Plug in the handheld ProCheck to get a real-time reading from any METER sensor*.

Use in large scale installations

During large-scale sensor installations, the ProCheck lets you monitor a sensor's reading as it is installed. Readout values help you detect installation problems (poor sensor to soil contact, air pockets, rocks, etc.) before you repack the hole or trench.

Assign SDI-12 addresses

ProCheck can be used to assign SDI-12 addresses to digital sensors (these include the 5TE, 5TM, GS3, MPS-2, and CTD) for easier SDI-12 programming.

Check soil moisture instantly

ProCheck is most often used to spot-check soil moisture, but it can also instantaneously read any other environmental sensor. Press a button to save up to 5,000 individual readings. Each reading includes sensor type, date, time, raw value, calibrated value, and calibration coefficients.



Apply custom calibrations

When reading soil moisture sensors, pick from a list of supplied factory calibrations for both soil and soilless media or input your own calibration. Data stored can be downloaded in EXCEL format using the included software.

Transportable

A rugged case is available if you plan on using your ProCheck in multiple locations.

*excludes the MAS-1 and EA-10, which are 4-20 mA sensors

Specifications

INPUT CHANNELS	1 channel
DATA STORAGE	1 MB (5,000 readings)
	ProCheck firmware versions up to 1.5C: All environmental, soil moisture, and water potential sensors sold by METER before November 2012
SENSOR TYPES	ProCheck firmware versions after 1.5C: All environmental, soil moisture, and water potential sensors sold by METER
OPERATING ENVIRONMENT	-5 °C to 50 °C
POWER REQUIREMENTS	4 AA alkaline batteries (typically good for 40 hours of use)
CASE DIMENSIONS	15.5 cm x 9.5 cm x 3.3 cm
CASE MATERIAL	Splash-proof case (NEMA 1, IP20)
INTERFACE CABLE	Serial RS232 (cable included)
DISPLAY	128 x 64 graphic display
SOFTWARE INTERFACE	ProCheck Utility
OPTIONAL CARRYING CASE	Tradesman brand carrying case
COMPLIANCE	CE
WARRANTY	One year, parts and labor

