

# Water Potential Recording Made Easy



## New Automated Psychrometer Scanner

Building on a thirty-year history as the leader in water potential measurement, Wescor announces a rugged, low cost, automated, psychrometer recording system.

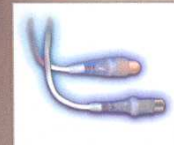
Wescor designed the PSYPRO Water Potential System as a low-cost option for water potential monitoring and recording. PSYPRO's rugged case was selected for its durability in harsh environments. Setting up and programming the PSYPRO is easy with its Windows compatible software and easy four button keypad.

**Features include:**

- Provides readings directly in MPa
- Automated recording for Eight Sensors
- Windows compatible setup and data reduction
- Psychrometer and Sample Chamber Compatible
- Eight input channels
- Rechargeable batteries for extended field use
- Menu driven, user-friendly software



C-52 Sample Chamber



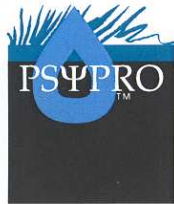
PCT-55/PST-55 Soil

*The Water Potential Specialists*

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E N V I R O N M E N T A L



# Psypro Water Potential System

## TECHNICAL SPECIFICATIONS

|                   |  |
|-------------------|--|
| Case:             | Nema 4X rugged case  |
| Display:          | 4 line x 20 character LCD display with LED backlight   |
| Panel:            | Two Mode, two Value keys<br>RS232 Com port<br>Battery charge port<br>On/Off switch<br>Eight input channels |
| Power:            | 12 V Lead Acid Battery with a charging port<br>11.3 - 14 V<br>9 mA standby current                         |
| Input Channels:   | Eight psychrometer input channels with Sure-fast connectors  |
| Operating Temp:   | 0 °C to 60 °C  |
| Storage Temp:     | -25 °C to 70 °C  |
| Memory:           | 10,000 reports can be stored in non-volatile memory  |
| Range:            | -0.05 to -8 MPa  |
| Accuracy:         | +/- 0.03 MPa @ 25 °C   |
| Cooling Current:  | 8 mA, programmable for 5-60 seconds durations  |
| Wet Bulb Reading: | Selectable averaging period with programmable start time   |
| Communication:    | RS232 communication  |
| Software:         | Windows compatible   |
| Sensors:          | Compatible with Wescor C-52, C-30, L-51, PCT/PST sensors<br>And all other thermocouple psychrometers       |

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