



# SKT 800 HydroSense 3

Skye Instruments have been specialising in environment monitoring instruments since 1983. All are designed, manufactured and calibrated to the highest standards. Our meters are subjected to intense testing to ensure research-grade accuracy.

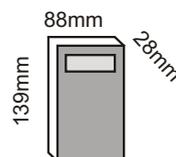
The Skye HydroSense 3 Meter is a new version of our popular HydroSense product. It allows easy, instantaneous readings & storing of soil moisture measurements from a Skye Needle Sensor and septum tensiometers. The meter will store configurations for up to 25 different instruments, and store records of up to 100 readings and offload onto a P.C.. The meter can also be a useful addition to a DataHog datalogging package of Skye standard and/or mini electronic tensiometers, as the meter can be used as a quick 'soil moisture' check. The HydroSense 3 is also compatible with soil moisture products from other Companies.

The HydroSense 3 has a clear display (LCD) over two lines making it easy to see the reading, as well as the units. Functions include the ability to hold the display, and a dual scale options for each tensiometer (e.g. a reading from a tensiometer can be scaled in hPa and mbar). A simple press of a button stores a reading to the internal memory, allowing for easy data offload via a cable and our PC software.

Please contact us for further details on the HydroSense 3 packages we have



## SKT 800 SPECIFICATIONS

|                      |  |                       |  |
|----------------------|--|-----------------------|--|
| Enclosure:           | Black ABS, Splashproof   | Power:                | 1 x 9V PP3 battery.<br>Up to 14 hour use.  |
| Display:             | Clear LCD display on 2 lines   |                       |  |
| Auto-ranging:        | fully auto-ranging for ease of use   | Operating Range:      | -10°C - +60°C<br>0 - 100% R.H  |
| User menu options:   | Read sensor, hold display, toggle units, battery test                                    | Connection:           | 5 pin Binder Panel-mounted Socket & RS-232 output                                    |
| Resolution :         | 20bit 'A to D' converter applied over 6 ranges   | Dimensions:           |  |
| Sensor Input/Output: | compatible sensors include traditional electronic tensiometers, voltage o/p probes, etc. | Weight (inc battery): | 290g   |
| TDR                  |  |                       |  |
| Excitation Voltage:  | 5V   |                       |  |

## ORDERING INFORMATION

### Meter & Packages:

SKT 800 - HydroSense3 soil moisture Meter, with carrying case & battery

**Please contact us about package options**

### Tensiometers & Accessories:

SKT 810 - Needle Sensor for Septum Tensiometers & HydroSense3 connector (HydroSense3 only)

SKT 820 - USB interface (HydroSense3 only)

SKT 690 - Septum Tensiometer

SKT 600 - Electronic Tensiometer

**Lengths from 20cm - 100cm. Please specify**

SKTM 650 - Mini Tensiometer

**Lengths from 10cm - 50cm. Please specify**



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