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MC-83



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TPS Australia - Quality hand-made instruments since 1968.

MC-83 Portable Humidity and Temperature Meter



- ◆ *Dual readout of Relative Humidity and Temperature*
- ◆ *Fast response*
- ◆ *Precision sensor on convenient 1 metre cable*
- ◆ *Large, easy to read LCD display*
- ◆ *Max / Min Memory Function*
- ◆ *Data Hold Function*
- ◆ *°C and °F readout*
- ◆ *Fold-out stand for bench use.*

[Full Size Image](#)

The **MC-83** provides convenient, accurate measurements of Relative Humidity and Temperature.

The sensor is supplied with 1 metre of cable, allowing readings to be taken in hard to reach places.

The **MC-83** uses a precision thin-film capacitance sensor for Relative Humidity and a precision thermistor sensor for temperature measurements. Both sensors are designed for fast response in air.

The LCD display has large, easy to

With the Data Hold function, measurements can be taken in rapidly changing environments.

Additionally, the **MC-83** can be set to record Maximum, Minimum and Average Relative Humidity and Temperature data.

read digits and shows both readings simultaneously. A low battery warning is displayed when the battery requires replacement.

The **MC-83** comes complete with full operating instructions and a 9V battery.

Specifications

Ranges.....10% to 95% R.H.
0 to 50 °C
32 to 122 °F

Resolution...0.1 % R.H.
0.1 °C
0.1 °F

Accuracy.....+/-3% R.H.
+/-0.8 °C
+/-1.5 °F

Display.....Custom dual readout LCD

Power.....9V Alkaline Battery for
60 Hrs

Dimensions...185 x 78 x 38 mm

Mass.....Approx 200g

Environment..0 to 50 °C
0 to 90% R.H.
(instrument)

Ordering Information

Part No

MC-83 Instrument.....126106

Kit Includes

Plastic Carry Case.....MC83CASE
9V Battery.....130026
MC-83 Handbook.....130050

Options

75% Humidity Standard.....130090
12% Humidity Standard.....130091



[Download this Specification Sheet in PDF format.](#)



[Download the handbook for this instrument.](#)

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If you do not have Adobe Acrobat in your computer, a free Acrobat Reader can be downloaded by clicking on the following link.



TPS reserves the right to change any part of this specification without notice.

Version 2.2

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proCHEM-DI

Send mail to tps@tps.com.au with questions or comments about this web site.

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