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MC-85



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TPS Australia - Quality hand-made instruments since 1968.

MC-85 Sound Level Meter



[Full Size Image](#)

The **MC-85** provides fast, accurate measurements of Sound Level from 30 to 130 dB.

The A & C frequency weighting networks conform to the IEC 651 type 2 standard.

'A' weighting simulates the response of the human ear while 'C' weighting has a near flat response for checking vibration noises.

- ◆ *3 Ranges from 30 to 130 dB*
- ◆ *A & C Frequency Weighting*
- ◆ *Fast & Slow Time Weighting*
- ◆ *Peak Level Function*
- ◆ *Large, easy to read LCD display*
- ◆ *AC & DC Recorder Outputs*
Fold-out stand for bench use.

Fast and slow time weighting is also provided. 'Fast' response is similar to the response time of the human ear. 'Slow' response is used to obtain an average reading of vibration sound levels.

The **MC-85** can be calibrated from an external calibrator. An internal source is also provided for quick checks.

The LCD display has large, easy to read digits. A low battery warning is displayed when the battery requires replacement. A NiCad battery and charger option is available.

Specifications

Ranges.....30 to 80 dB
50 to 100 dB
80 to 130 dB

Resolution...0.1 dB

Accuracy.....+/-1.5 dB at 125Hz to
1kHz

Frequency
Weighting...A & C Weighting meets
IEC651 type 2 standard

Time
Weighting...Fast = 200ms
Slow = 500ms

Display.....18mm LCD, max 1999

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

Dimensions...247 x 78 x 35 mm

Mass.....Approx 300g

Environment..0 to 50 °C
0 to 90% R.H.

Ordering Information

Part No

MC-85 Sound Meter..... 125102

Kit Includes

9V Battery.....130026

MC-85 Handbook.....130050

Options

Aluminium Carry Case.... 130057

External 94dB/1kHz.....125105

Calibrator, Model SC-940



[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.



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Version 1.1

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