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MC-85 Sound Level Meter



[Full Size Image](#)

- ◆ *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.

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

Features A & C frequency weighting networks.

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

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.

and real time response for checking vibration noises.

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

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 Manual.....	130050

Options

Aluminium Carry Case....	130057
External 94dB/1kHz.....	125105
Calibrator, Model SC-940	



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