



## Pulsar Assessor 82CA Sound Level Meter

The Assessor Range of high performance instruments appeal to a user requiring an affordable, simple to use meter whilst complying with international standards. Using the Assessor instruments means noise measurement and risk assessments have never been quicker or easier and can be used with total confidence and the minimum of training. Making a measurement couldn't be easier, simply switch the unit on and the Assessor starts measuring. To complete the measurement press the 'Stop' button and everything needed for your assessment is displayed on one screen. A unique feature of the Assessor range is an exposure table allowing you to instantly determine the duration a person can work in a specific area before exposure levels or legal limits are exceeded.



### Key Features

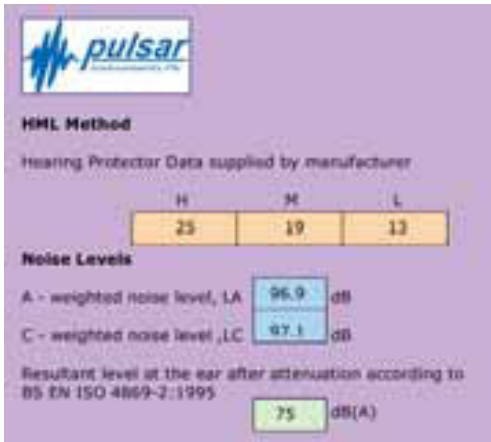
- Automatic C-A measurement mode
- Ideal for HML method of hearing protection calculation
- Hearing protection measurements have never been easier; The C-A mode ensures automatic measurement calculation
- Expands the original concept of the basic Assessor for those with noisy work places that prefer an affordable but legal method of specifying suitable hearing protection measurements



The Models 82CA & 81CA are the ideal instruments for those who do not want to pay extra for an instrument with 1:1 Octave Band Filters because the HML method (High, Medium and Low), is an established and accepted method of calculating hearing protection.

All hearing protection (PPE) should be supplied by the manufacturer with attenuation (reduction) values for each of the H, M and L values. By knowing the 'C' and 'A' weighted Leq values and the difference between them you can use either a spreadsheet or simple formula to prescribe suitable hearing protection for your workforce.

**Typical Spreadsheet Calculator**



**C-A Measurement Mode**

By just pressing the C-A button, the instrument will automatically switch to 'C-A' Measurement Mode. A blue LED indicator shows that you are now measuring in 'C-A' mode rather than the normal 'Broadband' mode. The instrument will make an Leq measurement with dB(C) Weighting (LCeq) and will continue until the average level has settled. When the level has settled, the instrument will switch to dB(A) and repeat the process with 'A' weighting. When this level has also settled, the instrument will display the LCeq, LAeq and in large digits, the resultant LCeq-LAeq value on the screen. Making this type of measurement has never been easier as everything is done in an automatic cycle for you.

**Specialists in Safety: Noise Monitoring**

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