

Sound Level Meters Nor131 and Nor132

The Nor131 (Class 1) and the Nor132 (Class 2) SLMs are ideal for noise deafness risk assessments under the EU Physical Agents (Noise) Directive 2002/44/EF. It measures all required functions, and presents the results both during and after the measurement period.

The $L_{Aeq,t}$ and L_{Cpeak} values are provided to allow the $L_{EP,d}$ and peak action levels to be determined from quick and simple measurements at each workstation. Where exceedences are detected the difference value $L_{Ceq} - L_{Aeq}$ is available to allow the HML method of hearing protector to be specified.

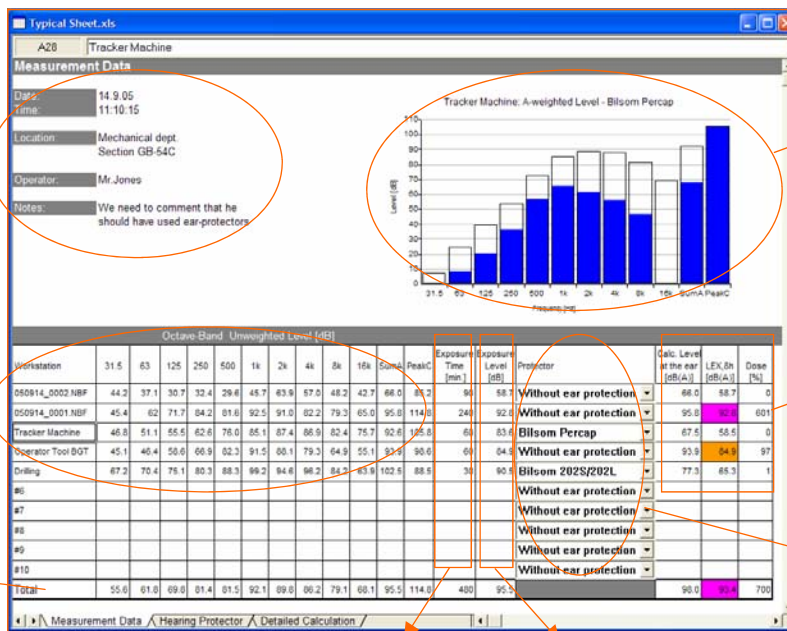
For a more detailed analysis, the instruments may be upgraded



with 1/1-octave real-time frequency analysis (Option 1). The resulting frequency spectrum is available at the same time as the initial measurement and gives the

information necessary to both specify noise control measures and for the correct prescription of personal hearing protection.

NorProtector Software Nor1025



User defined inputs of personal data for each individual report

Noise data from all measured work positions are easily drag & dropped into the sheet

The total values for each frequency band, for the overall networks, as well as the total exposure and dose are found in this row.

Exposure time at each work position must be set by the user

Calculated exposure level at each work position

1/1-octave spectra of noise exposure with and without hearing protector

Calculated personal exposure level and noise dose at each work position

User selected hearing protector for each work position

The Nor1025 NorProtector software calculates all the required results for the noise deafness risk assessments. With a quick drag & drop operation all measurements

from most Norsonic SLM are imported. The user only need to specify the duration of work at each position, and the values exceeding the action level turns out

in colour. Individual data for each person may be entered.

The software includes a database for selection of the most effective personal hearing protector.