

## METREL MI 6301 FonS Sound Level Meter



Completely digitalised Class 1 (Pro Set) or Class 2 (Euro Set) sound level meter with two independent measuring channels compliant with IEC 61672 standard. FonS is also a real-time octave and one third octave frequency analyser compliant with IEC 61260 standard.

### MEASURING FUNCTIONS

Completely digitalised Class 1 (Pro Set) or Class 2 (Euro Set) sound level meter with two independent measuring channels compliant with IEC 61672 standard. Each channel can be set to a different time and frequency weighting.

Real-time octave and one third octave frequency analyser compliant with IEC 61260 standard. Operates in two modes: an on-line reading mode which displays current measurements and logger mode, which automatically stores all measurement values per logging interval.

### OTHER FUNCTIONS

- LXY, a time weighted sound level;
- LXeq, a time average sound level, or equivalent continuous sound level;

- LXYmax, a maximum time weighted sound level;
- LXYmin, a minimum time weighted sound level;
- LXpeak, a peak sound level;
- LXE, a sound exposure level;
- L%, a percentile sound pressure level.

Letter X stands for A, C or Z frequency weighting, Y for fast, slow or impulse time weighting – applicable to both first and second measuring channels

#### ADDITIONAL FEATURES

A windscreen and a sound shield facilitate the outdoor measurements by reducing the wind noise and/or give a protection against the dust or other small particles often found in the air of harsh industrial environments.