

SLM.50

SOUND LEVEL METER CLASS 2 FOR 2/3 WHEELERS -
QUADS VEHICLE INSPECTION



The SLM50 sound level meter, developed by MULLER AUTOMOTIVE, is a CLASS 2 sound level meter complying with CDC8 index B technical specifications (French regulations), enabling the sound level of 2/3 Wheelers - Quads vehicles to be measured.

This device is available in two versions : SLM.50 and SLM-TAB.

COMPOSITION OF SLM50

- a software compatible with current emission testing devices or can be managed with a tablet
- a waterproof measurement unit powered by AA batteries or rechargeable batteries
- an omnidirectional microphone protected by a windscreen
- a class 1 calibration device
- a tripod equipped with a template for positioning the microphone. It is fitted with a precise template to ensure perfect positioning of the device
- a high-frequency acquisition device compatible with the engine speed acquisition module
- an inductive sensor

SOUND LEVEL METER UNIT

- 15 days continuous working autonomy
- transmission of the sound level data through a secure Bluetooth connection
- efficient and wireless communication of measurements
- reliable results day after day thanks to the calibration device



ACCESSORIES

Sound level meter unit



Microphone + 1 windscreen



Calibrator device



Induction clamp



HF sensor



Tripod



SOFTWARE

This software, designed to be both user-friendly and easy to learn, can be easily adapted to the environment of your ACTIGAS emission testing solution or your tablet when using it as a stand-alone solution.

Step by step, you will navigate easily through the various phases of the measurement tests, ensuring accurate, reliable results in the shortest possible time.



| TECHNICAL DATA | | SLM50-SONO |
|-----------------------|--|--------------------------------|
| Microphone | | Prepolarized 1/2 inches |
| Measuring range | | 40 - 130 dBA |
| Reference frequency | | 1 kHz |
| Operating temperature | | -10°C to 50°C |
| Connection | | Bluetooth 5.1 |
| Power supply | | 3 x AALR06 or AAHR06 batteries |
| Autonomy | | 15 hours continuous use |

| TECHNICAL DATA | | SLM50-CAL |
|-----------------|--|-------------------------------|
| Frequency | | 1kHz +/- 1% |
| Level generated | | 94 dB +/- 0,2 dB |
| Distortion | | < 2% |
| Battery | | 1 x 9V |
| Autonomy | | 15 hours continuous operation |
| Dimensions | | ø 48 x H135 mm |

2 SOUND LEVEL METER VERSIONS

SLM.50



SLM.50-TAB



| DESIGNATION | REFERENCE | SLM.50 | SLM.50-TAB |
|----------------------------|-------------|--------|------------|
| Tablet | TABSLM | | ✓ |
| RPM module | AT1133045 | | ✓ |
| Class 2 Sound level meter | SLM50-SONO | ✓ | ✓ |
| Class 1 calibration device | SLM50-CAL | ✓ | ✓ |
| Sound level meter tripod | SLM50-CAL | ✓ | ✓ |
| Software | SLM50-SW | ✓ | ✓ |
| High-frequency antenna | SLM50-HF | ✓ | ✓ |
| Induction clamp | AMAT1023034 | ✓ | ✓ |