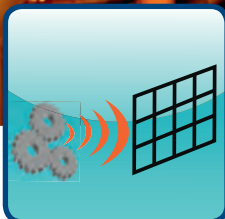
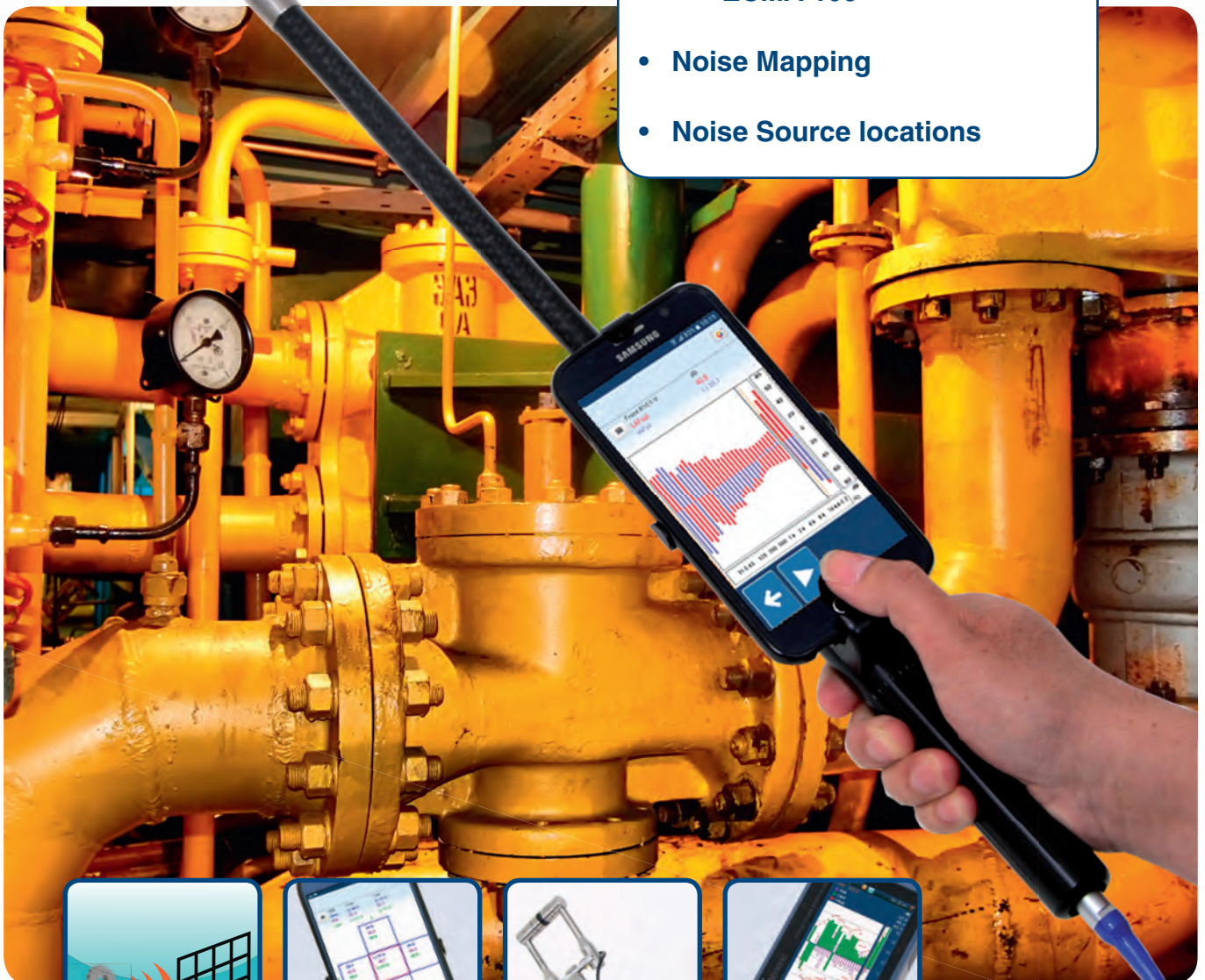


Nor150 Sound Intensity Option

Sound intensity probe Nor1290

- Sound Power measurements in accordance with
 - ISO 9614
 - ANSI S12.12
 - ECMA 160
- Noise Mapping
- Noise Source locations



Nor150 Sound Intensity Option

Sound intensity probe Nor1290

The Nor150 fitted with the sound intensity option and the sound intensity probe kit Nor1290 is a powerful tool for all type of sound intensity measurements. Every effort has been made to make a tool that offers optimum user friendliness in all type of measurement conditions, field or laboratory use. A unique phase correction algorithm eliminates the need of using two spacers to cover the full frequency range. Hence, with the Nor150 sound intensity system you only need to measure a surface one time, not two.

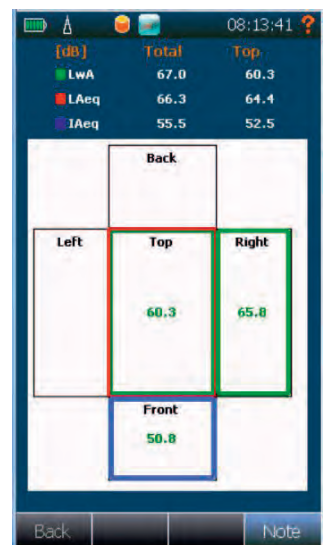
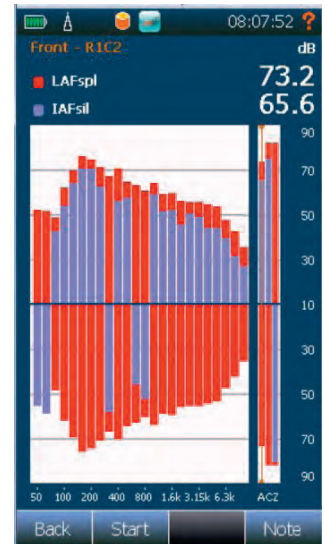
The phase matching and residual intensity check is done ever so fast by using swept sine instead of random noise as excitation signal in the sound intensity calibration coupler.

The remote control handle is using a Smartphone as measurement control and displaying device. It forms a light weighted and easy to use system allowing the user to perform all measurement operation with a single hand operation. The Smartphone is running the Norsonic NorRemote app that communicates via WiFi and the internal web server in the Nor150. The system may also be used with the sound intensity probe attached directly to the Nor150.

Features

- Compliant with IEC 61043 class 1
- Full on board support for ISO 9614
- 1/1 and 1/3 octave analysis
- Unique internal phase correction covers 50-10kHz with one spacer only
- Automatic measurement sequence
- Measurement quality indicators
- Pause with graphical back erase function
- Ad hoc measurement sequence
- Full edit of measurement segments (copy, delete, exclude, retake)
- Export to Nor850 mapping and reporting software
- Photo, text and voice annotation
- NorRemote app for Smartphone remote control
- ½" and ¼" microphones

Frequency range (±2 dB)		Ref. IEC 61043 Class 1
Dynamic range lower limit (microphone thermal noise)	dB(A)	27
Dynamic range upper limit	dB	146
Nominal sensitivity @ 250 Hz (±2 dB)	mV/Pa	12.5
Microphone type	½" Rear vented, Prepolarised	
Preamplifier	¼", IEPE powered	
Temperature range, operation	°C / °F	5 to 40 / 41 to 104
Temperature coefficient @250 Hz	dB/°C / dB/°F	-0.01 / -0.006
Humidity range non condensing	% RH	0 - 100
Humidity coefficient @250 Hz	dB/% RH	-0.001
Influence of axial vibration @1 m/s²	dB re 20 µPa	66
Spacers included	mm	12, 25, 50, 100
Cable length	m / feet	3 / 10
Connector type	7pin Lemo	
CE/RoHS compliant/ WEEE registered	Yes/Yes/Yes	



Distributor: