

A black SPM (Sensory Processing Module) device is shown. It consists of a large, rounded, black plastic housing with a coiled cable attached to the side. A control unit, also black, is connected to the main housing. The control unit features a small LCD screen displaying "ETHNOSCOPE" and "Sensory Processing Module". Below the screen are several buttons: a red button, a green button, and a black button with a white symbol. The SPM logo is visible on the bottom left of the control unit. A thin, silver-colored probe is attached to the end of the control unit.



SPM Electronic Stethoscope ELS14

Listening to machine sounds is one of the most widespread approaches for detecting mechanical problems.

The SPM Electronic Stethoscope ELS14 is a practical and easy-to-use listening device for locating the source of mechanical noise in a broad range of applications. Bearing condition, gear and pump noise and electric relay operation are just a few of the many sounds which can be identified, amplified and assessed.

High, middle, low or no filter can be selected in order to effectively single out relevant sound frequencies. An internal SD card and recording capabilities enable sounds to be played back and stored for further evaluation.

The stethoscope can be purchased as a complete kit - stethoscope including batteries, SD card, two probes (60 and 290 mm), headphones with ear defenders and a durable carrying case - or as individual parts.

Technical data	
Frequency range	30 Hz - 20 kHz
Temperature range	-10° to +60° C (14° to 140° F)
Instrument dimensions	213 x 48 x 38 mm (8.4" x 1.9" x 1.5")
Output volume	Adjustable in 10 steps
Filters	Low, middle, high, unfiltered
Battery	2 x AA cells
Battery life	>30 hours (continuous use)
Casing	PC/ABS, IP55
Weight	295 g incl. batteries and probe 60 mm

Product	Art.no.
Complete kit - ELS14, ELT10, EAR12, CAS24	ELS14KIT
SPM Electronic Stethoscope	ELS14
Probe set, 60 and 290 mm	ELT10
Headphones with ear defenders	EAR12
Carrying case, plastic with modular insert	CAS24



SPM STETHOSCOPE