

HT155 - HT157

PROFESSIONAL INTEGRATION SOUND-LEVEL METERS TYPE 1

Models HT155 and HT157 are portable integration sound-level meters type (class) 1, which can be used for monitoring the noise equivalent level (Leq), for measuring peak values, for verifying soundproofing levels, sound pollution, etc. Therefore this instrument is suitable for certification in compliance with the Legislative Decrees currently in force as regards measurements of environmental noise and noise in workplaces. The instruments have a wide measuring range (from 25 to 140dB) and several internal functions (statistic analysis, 24H analysis, Leq integration over time) which are fundamental for measurements, Model HT157 also allows carrying out detailed analyses of spectrum components of the noise by using built-in octave band and 1/3 octave band filters. Both models have an internal memory for saving data and an USB interface for PC transfer by Windows dedicated software, with possibility of numerical, graphic and statistic display. Sound-level meters are supplied in a handy and solid suitcase, with a portable calibrator for preliminary checks before any measuring operation is carried out.

FUNCTIONS	HT155	HT157
Sound-level meter category	Type 1	Type 1
Noise measuring range	25÷140dB	25÷140dB
Noise measurement resolution	0.0÷10.1dB	0.0÷10.1dB
Dynamic range	> 90dB	> 90dB
Sound pressure level (SPL) measurement	•	•
Meas. of noise equivalent levels (Leq)	•	•
Frequency weighting	A / C / Z	A / C / Z
Integration over time	F/S/ Impulse	F/S/ Impulse
Peak measurements (Peak-, Peak+)	•	•
Statistic analysis of noise type "A"	•	•
24H analysis of noise	•	•
Spectrum analysis in octave band		•
Spectrum analysis in 1/3 octave band		•
1/2 condenser microphone	•	•
AC analogue output	•	•
Internal calibration in Class 1	•	•
Supplied portable calibrator	•	•
Internal memory for data saving	(128 groups)	(128 groups)
Interface with USB Pen Drive	•	•
USB interface for PC connection	•	•

GENERAL SPECIFICATIONS	
Display	LCD, matrix dots (240x160pxl) with backlight
Internal power supply	4x1.5V alkaline batteries type AA LR6
External power supply	Adapter 100-240VAC/5VDC
Reference standard	IEC 61672:2002 type1 IEC 61260:1995 type1 (HT157) IEC 60804:1985 type1 IEC 60651:1979 type1
Size (LxWxH) mm	285x90x39
Weight (with batteries)	500g

ACCESSORIES	
Standard	
Portable calibrator in Class 1	
Power supply 100-240VAC/5VDC with USB output	
Mini-USB/USB cable for PC connection	
USB Pen Drive (TRASCEND JF V30/2GB)	
USB cable for Pen Drive connection to the instrument	
Windproof protection 60mm	
Windows software for data transfer	
Transport suitcase	
4x1.5V alkaline batteries type AA LR06	
Calibration certificate of sound-level meter and calibrator	
User manual	



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