NEW **NEW**

HT154
DIGITAL SOUND-LEVEL METER TYPE 2

Model HT154 is a precision digital sound-level meter Type (Class) 2, ideal for common inspections on environmental noise, verifications of soundproofing levels, sound pollution, etc., with no obligation for certifications according to reference standards. This instrument is extremely simple and intuitive to use thanks to its wide LCD display and to the management of all operations by means of 5 keys only. This instrument allows measuring sound pressure levels (SPL) with A and C weighting with Fast and Slow integrations indicated in the measure of the various types of environmental noise. The sound-level meter HT154 is provided with a portable calibrator for integrity checks before any operation is carried out, inside a practical transport case with all useful accessories for measurement.

PROFESSIONAL DIGITAL SOUND-LEVEL METER	HT154	HT155	HT157
Instrument category (class)	Class 2	Class 1	Class 1
Noise measuring range	30 ÷130dB	25 ÷140dB	25 ÷140dB
Noise measurement resolution	0.1dB	0.1dB	0.1÷0.01dB
Frequency range	30Hz ÷ 8kHz	10Hz ÷ 20kHz	10Hz ÷ 20kHz
Dynamic range	50dB	90dB	90dB
Sound pressure level (SPL) measurement	•	•	•
Measurement of noise equivalent levels (Leq)		•	•
Frequency weighting	A/C	A/C/Z	A/C/Z
Integration over time	Fast/Slow	Fast/Slow/Impulse	Fast/Slow/Impulse
Integration with programmable period		•	•
Peak measurements (Peak-, Peak+)		•	•
MAX/MIN SPL value display	•	•	•
Statistic analysis of noise with "A" weighting		•	•
SPL analysis over 24H		•	•
Spectrum analysis with filter in octave band ($^1/_1$)			• 19Hz÷16kHz
Spectrum analysis with filter in $^1/_3$ octave band			• 12.5Hz÷16kHz
Supplied portable calibrator	• (Class 2)	• (Class 1)	• (Class 1)
Manual calibration with trimmer	•	•	•
Accurate calibration with internal procedure		•	•
Pre-polarized "½" condenser microphone	•	•	•
AC and DC analogue outputs with 3.5mm jack	•	• (AC only)	• (AC only)
Internal memory for data saving		• (128 records)	• (128 records)
Recalling results on the display		•	•
Mini-USB interface for PC connection		•	•
Saved data transfer onto USB Pen Drive		•	•
Windows software for saved data analysis		•	•
Display	LCD 3½ digits	LCD matrix 240 x 160	LCD matrix 240 x 160
Display backlighting		•	•
Power supply	Battery 1 x 9V 6F22	Battery 4 x 1,5V AA	Battery 4 x 1,5V AA
External power supply provided		•	•
Reference standard	IEC 61672 Class 2	IEC 61672 Class 1	IEC 61672 Class 1 IEC 61620 Class 1
Dimensions (LxWxHmm)	289x80x32	285x90x39	285x90x39
Weight (batteries included)		500g	500g
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FUNCTIONS
Sound-level meter category: Type (Class) 2
Measuring range: 30 ÷ 130dB
Noise measurement resolution: 0.1dB
Dynamic range: 50dB
Sound pressure level (SPL) measurement
Weighting in A and C frequency
Integration over time: Fast / Slow
MAX / MIN SPL display
½ condenser microphone
AC and DC Analogue outputs (max 1V)
Manual calibration with trimmer
Supplied portable calibrator

GENERAL SPECIFICATIONS
Display	LCD, 3½ digits
Power supply	1x9V battery type IEC 6F22
Reference standard	IEC 61672 type2
Size (LxWxH) mm	289x80x32
Weight (with batteries)	300g

ACCESSORIES
Standard
Portable calibrator HT150 with built-in battery
Windproof protection
Screwdriver for manual calibration of sound-level meter
Jack for AC/DC analogue outputs
Rigid transport bag
Battery for sound-level meter
User manual for sound-level mete

HT154
HN000154

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		•
½ 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

HT157 HN000157

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