

twilight

INSTRUMENTOS DE MEDICIÓN INDUSTRIAL

**Medidor de nivel de sonido
integrador, Clase 1, Tenmars
TN-ST106**

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Integrating Sound Level Meter

ST-106 CLASS 1

Data Sheet



SOUNDTEK

HB2ST1060000

Easy To Use, Competitive Price, Dynamic Range 110dB, Excellent Quality

The ST-106 is high performance class 1 integrating sound level meter.

It measures Lxyi, Lxyp, Leq, Lmax, Lmin, LAE, Lcpeak, Lzpeak functions simultaneously

APPLICATION

Evaluation of environmental noise

Measurements of noise at workplaces

Assessment of product noise

FEATURES

Fast, slow, Impulse response times.

Sampling frequency : 20.8us (48KHz)

Wide frequency range: 10Hz~16KHz.

Wide measurement range: 30dB~130dB

Wide dynamic range: 100dB

A/C/Z frequency weighting

MICROPHONE

1/2 pre-polarized condenser microphone build in preamplifier : 40mV/Pa

Frequency range : 10Hz~16KHz

Heat noise : 20dB(A)

Specifications

Model : ST-106

Display : LCD with Green Yellow Backlight (240 x 160 dots) Real time clock, Year, Month, Minute

Display refresh rate : 1 Hz for value; 10Hz for graph

Microphone :

1/2 pre-polarized condenser microphone build in preamplifier : 40mV/Pa

frequency range : 10Hz~16KHz

heat noise : 20dB(A)

Measurement Items :

Lxyi, Lxyp, Lxeq, Lxmax, Lxmin, LAE, Lcpeak, Lzpeak,

Remark: x is A,C,Z and y is F,S,I

Measurement Range :

30dB~130dB(A)

35dB~130dB(C)

40dB~130dB(Z)

Integrate time setup : Randomly, 10s, 1m, 5m, 10m, 20m, 30m, 1h, 2h, 4h, 8h

Time Weighting : Fast, Slow, Impulse, Peak

Frequency Range : A/C/Z

Frequency Weighting : 10Hz ~ 16KHz

Sampling Frequency : 20.8us (48KHz)

Analog Output : AC 20mV/dB

Starting Time : <10 Seconds

Power Requirement : LR6 : 4 Alkaline batteries (8 hours)

AC Adapter : Input: 100V~240V, Output: 6V DCV

Size : 285 (L) x 90(W) x 39(H) mm

Weight : 500g (including Batteries)

Standards Certification:

IEC 61672 : 2002 Class 1

IEC 60651 : 1979 TYPE 1

IEC 606804 : 2000 TYPE 1

One Year Limited Manufacturer Warranty



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