

ST-105S

ST-105

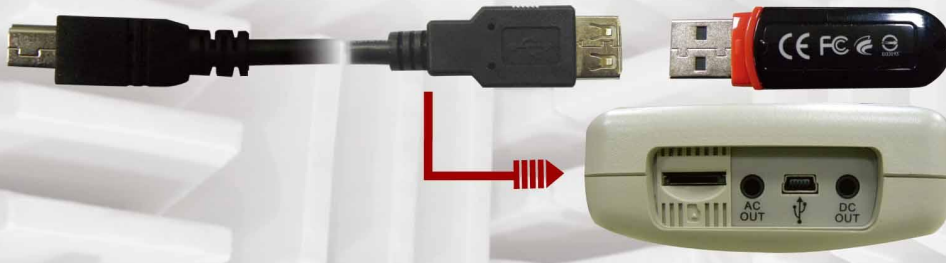
ST-105D

ST-105L

Class 1 Comply with IEC-61672-2002 Class 1 IEC-61260-1995 Class 1

Feature :

- Statistic analysis.
- 24HR measurement.
- Integral measurement.
- Real time analyzer in 1/1 and 1/3 octave band.
- It simultaneously measures A,C,Z and Fast, Slow, Impulse.
- Data logging function(ST-105D).
- Auto start / Auto measuring / Auto end.(ST-105D)
- USB and RS-232 Interface.
- Real time clock with calendar.
- Sampling frequency : 20.8µs(48KHz).
- Wide frequency range : 10Hz~20KHz.
- Wide measurement range : 25dB~140dB.
- Wide dynamic range : 90 dB.
- Fast, Slow, Impulse, PeakC+, PeakC-.
- Measurement function: Lxyp , LAFmax , LAF5 , LAF10 , LAF50 , LAF90 , LAF95 , LAFmin SD, LAeq1s, LAeqT, LAE, LAfeqT, LD, LN, LDN, Lxyi, Lxeq1s , LxeqT , LAE , E , Cpeak+ , Cpeak- , LAFmax , LAFmin , LAFeqT , LASeqT , LAleqT Lfmeq1s, LfmeqT, Lxyp, Lxyi, Lxeq1s, LxeqT, LAE, E, Cpeak
- A/C/Z frequency weighting.
- Optional mini printer : The analytical result can be printed out.
- 5 languages analysis application software.



Analysis frequency range

1/1 Octave (11 bands)	16Hz, 31.5Hz, 63Hz, 125Hz, 250Hz, 500Hz, 1KHz, 2KHz, 4KHz, 8KHz, 16KHz
1/3 Octave (34 bands)	10Hz(ST-105D), 12.5Hz, 16Hz, 20Hz, 25Hz, 31.5Hz, 40Hz, 50Hz, 63Hz, 80Hz, 100Hz, 125Hz, 160Hz, 200KHz, 250Hz, 315Hz, 400Hz, 500Hz, 630Hz, 800Hz, 1KHz, 1.25KHz, 1.6KHz, 2kHz, 2.5kHz, 3.15kHz, 4KHz, 5KHz, 6.3KHz, 8KHz, 10KHz, 12.5KHz, 16KHz, 20KHz(ST-105D)

ST-105/ST-105D/ST-105L : Parameters and performance of octave and 1/3 octave

- Function : Noise's real-time octave and 1/3 octave spectral analysis and integrating measurement.
- Frequency weighting : parallel (simultaneous) A, C, Z. The spectral analysis interface is composed by the frequency spectrum. The total analysis interface is realized by digital filtering.
- Filter type : parallel (real-time) octave and 1/3 octave band filter, G=2, digital filter. The noise exposure (E)'s measuring range is 0-65.535 Pa2h.