

TES

Reliable in Quality



TES-660A/660 Micro Noise Dosimeter (Badge Type)

- ❑ Lightweight and small size. Intrinsic Safety Version (660A)
- ❑ Quick battery recharging.
- ❑ Calculates all the popular noise dose parameters.
- ❑ Calculates the LC-LA value.
- ❑ Wide dynamic range 60~140dB.
- ❑ Measures simultaneously 3dB and 5dB exchange rates.

Charging /
IR PC Interface



Time Weight	Frequency Weight	Exchange Rate
Fast	A	3
Criterion Level	Range	Threshold Level
85	70-140	80
Peak Value	Calibrated dB	Calibrated Time
110.4	114.0	2016/10/01 12:00:00

COM6

Intrinsic
Safety



4 Sets link Charging



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FEATURES

- Lightweight and small size. Intrinsic Safety Version (660A)
- Quick battery recharging.
- Calculates all the popular noise dose parameters.
- Calculates the LC-LA value.
- Wide dynamic range from 60 to a full 140dB.
- Measures simultaneously 3dB and 5dB exchange rates.

SPECIFICATIONS

Standard applied	ANSI S1.25: 1992 Personal Noise Dosimeter IEC 61252: 2002 Personal Sound Exposure Meters Intrinsic safety (660A): EN 60079-0: 2006, EN60079-11: 2007, EN60079-26: 2007
Microphone	1/2-inch electret field replaceable threaded microphone
Display	128x64 pixel graphics LCD
Measurement Ranges	Dynamic Range: 60dB to 140dB Peak Range: 100dB to 143dB
Frequency Weightings	A, C and Z, Type 2
Time Weightings	Fast, Slow and Impulse
Exchange Rate	3dB, 4dB, 5dB or 6dB simultaneously
Threshold Level	60 – 90dB in 1dB steps
Criterion Level	60 – 90dB in 1dB steps
Alarm warning indicators	Red and blue LED's showing level noise exceedances during run
Clock	Real-time clock with calendar.
Memory	Results from 60 measurements can be stored for later viewing and download.
Measurement Control	Measurement Duration : May be set to 5, 10, 15, or 30 minutes or 1, 2, 4, 8, 12, or 24 hours.
Timers	Up to 16 timers (automatic start and stop) can be set (maximum up to one month ahead of measurement time). Timer Controlled Started / Stop : Set up from the PC software or meter keypad.
Logging storage (results)	At least 180 hours at 4 profiles every minute with unit showing remaining memory recording time in hours when switched on.
Stored profile values	Lavg (Q=5), LZpk, Leq(Q=3), LCpk
Storage interval	Fixed 1 minute for all 4 results simultaneously
Setup	Eight built-in (predefined) default setups are included. Nine additional user-defined setups can be stored.
Battery	2pcs. Internal NiMH rechargeable Battery Cells (1/2AAA/230mAh)
Charging unit / IR PC interface	Complete meter fits neatly into the charging unit (DS-01). Quick battery recharge in less than 90 mins from completely empty. Communications via the charging unit (DS-01) and USB to PC.
Operating / Storage Temperature & Humidity	0 to 50°C (32 to 122°F), 10 to 90%RH / -10 to 60°C (14 to 140°F), 10 to 75%RH
Size	83.5(L) x 43.4(W) x 49(H) mm with Microphone
Weight	Approx. 70g
Accessories	Instruction manual, Carrying case, Charging unit (DS-01), AC adapter for DS-01 (up to 4 linked DS-01), CD software, USB cable.

The 660A Intrinsically Safe is labeled with the following:	
ATEX:	FM/CSA:
I M1 II 1G EEx ia IIC T2 (222°C) EEx ia I (Ta = -20°C to +40°C)	Class 1 Division 1 Groups A, B, C and D. Temperature classification T2



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