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INSTRUMENTOS DE MEDICIÓN INDUSTRIAL

Dosímetro de Micro Ruido, Intrínsecamente Seguro, TES Clase 2 TE-660

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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: 70dB to 140dB Peak Range: 103dB to 143dB
Frequency Weightings	A, C and Z, Type 2
Time Weightings	Fast, Slow and Impulse
Exchange Rate	3dB, 4dB, 5dB or 6dB
Threshold Level	70 – 90dB in 1dB steps
Criterion Level	70 – 90dB in 1dB steps
Alarm warning indicators	LED showing level noise exceedances during run
Clock	Real-time clock with calendar.
Memory	Results from 30 measurements can be stored for later viewing and download.
Measurement Control	Measurement Duration: May be set 10 to 55 min in 5min steps or 1 to 24 Hrs in 1hr steps.
Timers	Up to 99 timers (automatic start and stop) can be set (maximum up to one month ahead of measurement time). Timer Controlled Started / Stop: Up to 16 timers can be set up from the PC software or meter keypad.
Logging storage (results)	At least 100 hours at 4 profiles every minute with unit showing remaining memory recording time in hours when switched on.
Stored profile values	Lavg, LZpk, Leq, LCpk
Storage interval	1, 5, 10, 30minutes and 1or 2 hours can be set
Setup	Ten built-in (predefined) default setups are included. Nine additional user-defined setups can be stored.
Battery	Li Polymer (3.7V/470mAh)
Charging unit / 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	84(L)×49(W)×55(H)mm / 3.3(L)×1.9(W)×2.2(H)inch (with windscreen)
Weight	Approx. 77g (2.7oz), less mounting device
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: I M1 II 1G EEx ia IIC T2 (222°C) EEx ia I (Ta = -20°C to +40°C)	FM/CSA: Class 1 Division 1 Groups A, B, C and D. Temperature classification T2
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