

Environmental Monitoring

Digital Watt Meter Measurement level range

Detailed product specifications are available on: us.100y.com.tw



FEATURES

- Wide linearity range of 100dB
- 32000 Records Data logging function
- RS-232 interface
- Real time clock with calendar



SPECIFICATIONS

Applicable standards	IEC Pub 651 Type2, ANSI S1.4 Type2, IEC804 Type2
Accuracy	+/-1.5dB (ref 94dB @1KHz).
Measurement Item	SPL, Leq, SEL, MaxL, MinL.
Measurement Level	30dB to 130dB
Measurement Frequency range	31.5 Hz to 8KHz
Frequency Weight	A and C.
Time weight	Fast and Slow, Impulse.
Microphone	1/2 inch Electret condenser microphone .
Digital display	4 digit LCD , 0.1dB resolution, updated every 0.5s.
Quasi-analog bar indicator	4-dB steps, 100dB display range, updated every 100ms.
Display Warning function Overrange indicator Underrange indicator	Displayed at the upper limit. Displayed at the lower limit.
Analog AC / DC output	2Vrms (at full scale) , 10mVDC / dB.
Power supply	Four 1.5V LR-6/AA size alkaline cell, AC adapter
Battery Life	about 28 hours.
Operating temperature , humidity	5 ~ 40 ° C , 10 ~ 90% RH.
Dimensions	265 (L) x 72(W) x 21(H)mm, (10.4" L x 2.8" W x 0.8" H).
Weight	Approx. 380g.

Part No.	Product No.	Manufacturer	Description	Level range
21845	TES-1353	TES	Digital Sound Level Meter	30dB~130dB



FEATURES

- Measure % Noise Dose / Exposure Time / Sound Level
- Real time clock with calendar
- RS-232 interface



SPECIFICATIONS

Applicable standards	ANSI S1.25-1991, A weighting
Digital display	0~9999%DOSE
Criterion level	80, 84, 85, 90dB Selectable
Threshold level	Selectable from 70 to 90dB, 1dB step
Exchange rate	Selectable 3dB, 4dB, 5dB or 6dB
High level Detector	115dBA
Peak Flag	140dB
Measuring range	70-140dBA
Accuracy	±1.5dB ref. 94dB @1KHz
Resolution	0.1dB
Frequency weighting	A
Time weighting	FAST , SLOW Selectable
Microphone	1/2 inch electret condenser microphone
Power supply	4pcs size AAA Alkaline Battery
Battery life	About 36 hours
Dimensions	106(L)×64(W)×34(H)mm
Weight	approx. 350g (include batteries)

Part No.	Product No.	Manufacturer	Description	Level range
21846	TES-1354	TES	Noise Dosi-Meter	70-140dBA
21844	TES-1355	TES	Noise Dosi-Meter	70-140dBA



Part No.	Product No.	Description	Level range	Frequency range
21847	TES-1356	Sound Level Adjustor	114dB,94dB	1,000Hz ± 4%



FEATURES

- 0.1dB Resolution
- Range from 30 to 130dB
- Fast/Slow dynamic characteristic
- A&C Frequency Weighting



SPECIFICATIONS

Applicable standards	IEC Pub 651 Type2, ANSI S1.4 Type 2
Accuracy	+/- 1.5dB (ref 94dB @1KHz)
Digital display	4 digital LCD
Measurement Level A weighting	30dB to 130dB
Measurement Level C weighting	35dB ~ 130dB
Level Range	30-80dB, 50-100dB, 60-110dB, 80-130dB
Measurement Frequency range	31.5 Hz to 8KHz
Frequency Weight	A and C
Time weight	Fast and Slow
Microphone	1/2 inch Electret condenser microphone
Digital display	4 digit LCD , 0.1dB resolution, updated every 0.5s
Quasi-analog bar indicator	1-dB steps, 50dB display range, updated every 100ms
Display Warning function Overrange indicator Underrange indicator	Displayed at the upper limit Displayed at the lower limit
Analog AC / DC output	2Vrms (at full scale) , 10mVDC / dB
Power supply	Four 1.5V LR-6/AA size alkaline cell, AC adapter
Battery Life	about 20 hours
Operating temperature , humidity	5 ~ 40 ° C , 10 ~ 90% RH
Dimensions	265 (L)×72(W)×21(H)mm, (10.4" L×2.8" W×0.8" H)
Weight	Approx. 310g

Part No.	Product No.	Manufacturer	Description	Level range	Frequency range
2511	TES-1357	TES	Precision Sound Level Meter	30dB~130dB/35dB~130dB	31.5Hz~8KHz

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