

Sound Level Calibrators

TRANSCAT

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35 Vantage Point Drive // Rochester, NY 14624 // Call 1.800.800.5001

94dB or combination 94dB/114dB, 1kHz Professional Calibrator for 0.5" or 1.0" Microphones
With durable die-cast, aluminum housing

Features:

- Calibrates and verifies Sound Level Meter operation
- For use on Sound Level Meters with 0.5" or 1.0" microphones
- Total Harmonic Distortion (THD) <2% at 94dB
- Meets IEC standard 60942 1997-11
- Complete with two 9V batteries, carrying case, and screwdriver

Model 407744

- Battery test position with battery status LED indicates if battery is good
- 1kHz sine wave at 94dB is generated to an accuracy of 5% (frequency) and ± 0.8 dB

Model 407766

- LED indicator lights up when power is on
- Level position to select 94dB or 114dB
- 1kHz sine wave at 94dB/114dB is generated to an accuracy of 5% (frequency) and ± 0.8 dB
- 3 position switch (OFF/94dB/114dB)



407744

407766

Specifications	Range	Accuracy
Frequency	1000 Hz	$\pm 5\%$
Sound Pressure Level	94 dB (407744); 94dB/114dB (407766)	± 0.5 dB (94dB), ± 1 dB (114dB)
Distortion	<2% Total Harmonic Distortion (THD)	
Operating Temperature	32 to 122°F (0 to 50°C)	
Power Supply	Two Heavy duty, alkaline 9V Battery	
Power consumption	Approx. 10mA DC	
Dimensions	2.2" diameter x 5.6" long (50 x 127mm)	
Weight	0.75 lbs. (340g)	

Ordering Information:

407744Sound Level Calibrator, 94dB
407744-NISTSound Level Calibrator, 94dB with NIST Cert.
407766Sound Level Calibrator, 94dB/114dB
407766-NISTSound Level Calibrator, 94dB/114dB with NIST Cert.

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