

# Summary of Larson Davis Certification services

20 Sept 2019

Item	Product Calibrated and Certified	Standard						
			ISO 17025	10 business day turn	Certificate	Test Report	Preamp Included	Microphone Included
CER-2200C	2200C, 2 channel microphone power supply	Manufacturers Spec		✓	✓	✓		
CER-2210	2210, 10 channel microphone power supply	Manufacturers Spec		✓	✓	✓		
CER-2221	2221 single channel microphone power supply	Manufacturers Spec		✓	✓	✓		
CER-2250	2250 Intensity Probe	Manufacturers Spec		✓	✓	✓		
CER-2260	2260 Intensity Probe	Manufacturers Spec		✓	✓	✓		
CER-2800	2800 or 2800B single channel analyzer	Manufacturers Spec		✓	✓	✓		
CER-2900	2900 or 2900B dual channel analyzer	Manufacturers Spec		✓	✓	✓		
CER-3000+	3000+ dual channel analyzer	Manufacturers Spec		✓	✓	✓		
CER-3200	3200 modular analyzer, 1 or 2 channel	Manufacturers Spec		✓	✓	✓		
CER-3200-X	3200 modular analyzer, each additional channel	Manufacturers Spec		✓	✓	✓		
CER-426A12	426A12 including testing for temperature and humidity stability	Manufacturers Spec	✓ <sup>2</sup>		✓	✓	✓	
CER-700	Model 700 type 2 sound level meter	Manufacturers Spec		✓	✓	✓	✓	✓
CER-706	Spark series (703, 703P, 704, 705, 705P, 706, 706RC & ATEX versions)	IEC 61252, ANSI S1.25	✓	✓	✓	✓	✓	✓
CER-712	Model 712 type 2 sound level meter	Manufacturers Spec		✓	✓	✓	✓	✓
CER-720	Model 720 environmental noise analyzer	Manufacturers Spec		✓	✓	✓		
CER-730	Spartan Model 730 noise dosimeter	IEC 61252, ANSI S1.25	✓	✓	✓	✓	✓	✓
CER-730-OBA	Spartan Model 730 noise dosimeter including 1/1 octave filters	IEC 61252, ANSI S1.25 IEC 61260, ANSI S1.11	✓	✓	✓	✓	✓	✓
CER-800-30	Model 800B with OPT30 1/1 and 1/3 octave filters	Manufacturers Spec		✓	✓	✓		
CER-800B	Model 800B without OPT30 filters	Manufacturers Spec		✓	✓	✓		
CER-812	Model 812 type 1 sound level meter	Manufacturers Spec		✓	✓	✓		
CER-814	System 814 type 1 sound level meter	Manufacturers Spec		✓	✓	✓		
CER-820	Model 820 type 1 environmental noise analyzer	Manufacturers Spec		✓	✓	✓		
CER-824	System 824 type 1 sound level meter	IEC 61672, ANSI S1.4	✓	✓	✓	✓		
CER-824-E	System 824 type 1 sound level meter with environmental test	IEC 61672, ANSI S1.4	✓ <sup>2</sup>		✓	✓		
CER-831	Model 831 class 1 sound level meter	IEC 61672, ANSI S1.4	✓	✓	✓	✓	✓	✓ <sup>1</sup>
CER-831-E	Model 831 including environmental testing for -40 to +70 °C range	IEC 61672, ANSI S1.4	✓ <sup>2</sup>		✓	✓	✓	✓
CER-831-LOWN	Model 831 or 831C with 378A04 microphone	IEC 61672, ANSI S1.4	✓ <sup>3</sup>		✓	✓	✓	✓
CER-870B	Model 870B type 1 environmental noise analyzer	Manufacturers Spec		✓	✓	✓		
CER-870B-E	Model 870B with environmental test	Manufacturers Spec			✓	✓		
CER-AEC201-A	AEC201-A Ear Simulator	IEC 60318-1, ANSI S3.7 5.4		✓	✓	✓		✓
CER-AEC202	AEC202 2cc coupler for 1/2 inch microphone	IEC 60318-5, ANSI S3.7		✓	✓	✓		
CER-AEC203	AEC203 2cc coupler for 1 inch microphone	IEC 60318-5, ANSI S3.7		✓	✓	✓		
CER-AEC304	AEC304 Occluded Ear Simulator	IEC 60318-4		✓	✓	✓		
CER-AEC304-3	AEC304 and 426M11 or AECM304 and 426M15. Includes TEDS	IEC 60318-4		✓	✓	✓		
CER-AMC493	AMC493 paired with 1 coupler (AEC100, AEC101 or AEC201)	Manufacturers Spec		✓	✓	✓		
CER-AMC493-2	AMC493 paired with 2 couplers (AEC100, AEC101 or AEC201)	Manufacturers Spec		✓	✓	✓		
CER-BAS004	BAS004 tapping machine	Manufacturers Spec			✓	✓		
CER-CAL150	CAL150 class 2 calibrator	IEC 60942, ANSI S1.40	✓	✓	✓	✓		
CER-CAL200	CAL200 class 1 calibrator	IEC 60942, ANSI S1.40	✓	✓	✓	✓		
CER-CAL250	CAL250 class 1 calibrator	IEC 60942, ANSI S1.40	✓	✓	✓	✓		
CER-CAL291	CAL291 Residual Intensity Calibrator	Manufacturers Spec		✓	✓	✓		
CER-DSP80	DSP80 type 1 sound level meter	Manufacturers Spec		✓	✓	✓		
CER-DSP81	DSP81 type 1 SLM with 1/1 octave filters	Manufacturers Spec		✓	✓	✓		
CER-DSP82	DSP82 type 1 SLM with impulse detector	Manufacturers Spec		✓	✓	✓		
CER-DSP83	DSP83 type 1 SLM with impulse detector and 1/1 octave filters	Manufacturers Spec		✓	✓	✓		
CER-HVM	HVM100 Human Vibration Meter	ISO 8041	✓	✓	✓	✓		
CER-HVM200	HVM200 Human vibration meter	ISO 8041	✓	✓	✓	✓		
CER-LXT1	SoundTrack LxT1 or SoundExpert class 1 sound level meter	IEC 61672, ANSI S1.4	✓	✓	✓	✓	✓	✓ <sup>1</sup>
CER-LXT2	SoundTrack LXT2 class 2 sound level meter	IEC 61672, ANSI S1.4	✓	✓	✓	✓	✓	✓ <sup>1</sup>
CER-MIC	Any Larson Davis or PCB microphone not listed separately	Manufacturers Spec	✓ <sup>4</sup>	✓	✓	✓		✓
CER-PMIC	2620PM or 2640PM pair of phase matched microphones	Manufacturers Spec		✓	✓	✓		✓
CER-PREAMP	PRM422, PRM426, PRM831, PRMLxT1/1L/2/2L/2B, N426D01, 426A01/02/05/10/11/12, 426B01/02/03, 426D01, 426E01, HT426E01, PRM902	Manufacturers Spec	✓	✓	✓	✓	✓	
CER-PREAMP	800, 900 excluding PRM902, and 2100 series preamplifiers	Manufacturers Spec		✓	✓	✓	✓	
CER-PRM2100K	PRM2100K or PRM2101K including temperature & humidity testing	Manufacturers Spec		✓	✓	✓	✓	
CER-PRM2103	PRM2103 Outdoor Preamplifier	Manufacturers Spec	✓		✓	✓	✓	
CER-PRM2103-E	PRM2103 including environmental testing for -40 to +70 °C range	Manufacturers Spec	✓ <sup>2</sup>		✓	✓	✓	✓
CER-SRC20	SRC20 electrical noise source	Manufacturers Spec		✓	✓	✓		
CER-SYS008	Audiometer calibration sys SYS008 = base system	Component Specs	✓ <sup>3</sup>	✓	✓	✓	✓	✓
CER-SYS009	Audiometer calibration sys SYS009 = SYS008 + AMC493B	Component Specs	✓ <sup>3</sup>	✓	✓	✓	✓	✓
CER-SYS010	Audiometer calibration sys SYS010 = SYS008 + AEC201-A	Component Specs	✓ <sup>3</sup>	✓	✓	✓	✓	✓
CER-SYS011	Audiometer calibration sys SYS011 = SYS008 + AEC201-A + AMC493B	Component Specs	✓ <sup>3</sup>	✓	✓	✓	✓	✓
CER-SYS014	AudCal system SYS014 = base system	Component Specs	✓ <sup>3</sup>	✓	✓	✓	✓	✓
CER-SYS015	AudCal system SYS015 = SYS014 + AMC493B	Component Specs	✓ <sup>3</sup>	✓	✓	✓	✓	✓
CER-SYS016	AudCal system SYS016 = SYS014 + AEC201-A	Component Specs	✓ <sup>3</sup>	✓	✓	✓	✓	✓
CER-SYS017	AudCal system SYS017 = SYS014 + AEC201-A + AMC493B	Component Specs	✓ <sup>3</sup>	✓	✓	✓	✓	✓
LD-ACS-1	Single axis accelerometer from 5 Hz to upper 5% frequency	Manufacturers Spec	✓	✓	✓	✓		
LD-ACS-17	SEN027 & 356B41 seat pad calibration of triaxial accelerometer	Manufacturers Spec	✓	✓	✓	✓		
LD-ACS-1T	Triaxial accelerometer from 5 Hz to upper 5% frequency	Manufacturers Spec	✓	✓	✓	✓		

<sup>1</sup> Microphone tests are the system acoustic tests specified in IEC 61672-3 and ANSI S1.4 part 3, which does not include an electrostatic actuator (EA) sweep of the microphone. For an EA sweep, order CER-MIC

<sup>2</sup> The electrical portion of the test included within the A2LA accredited scope; environmental test results are not

<sup>3</sup> Partial results are ISO 17025 accredited

<sup>4</sup> Open circuit sensitivity only included within the A2LA accredited scope