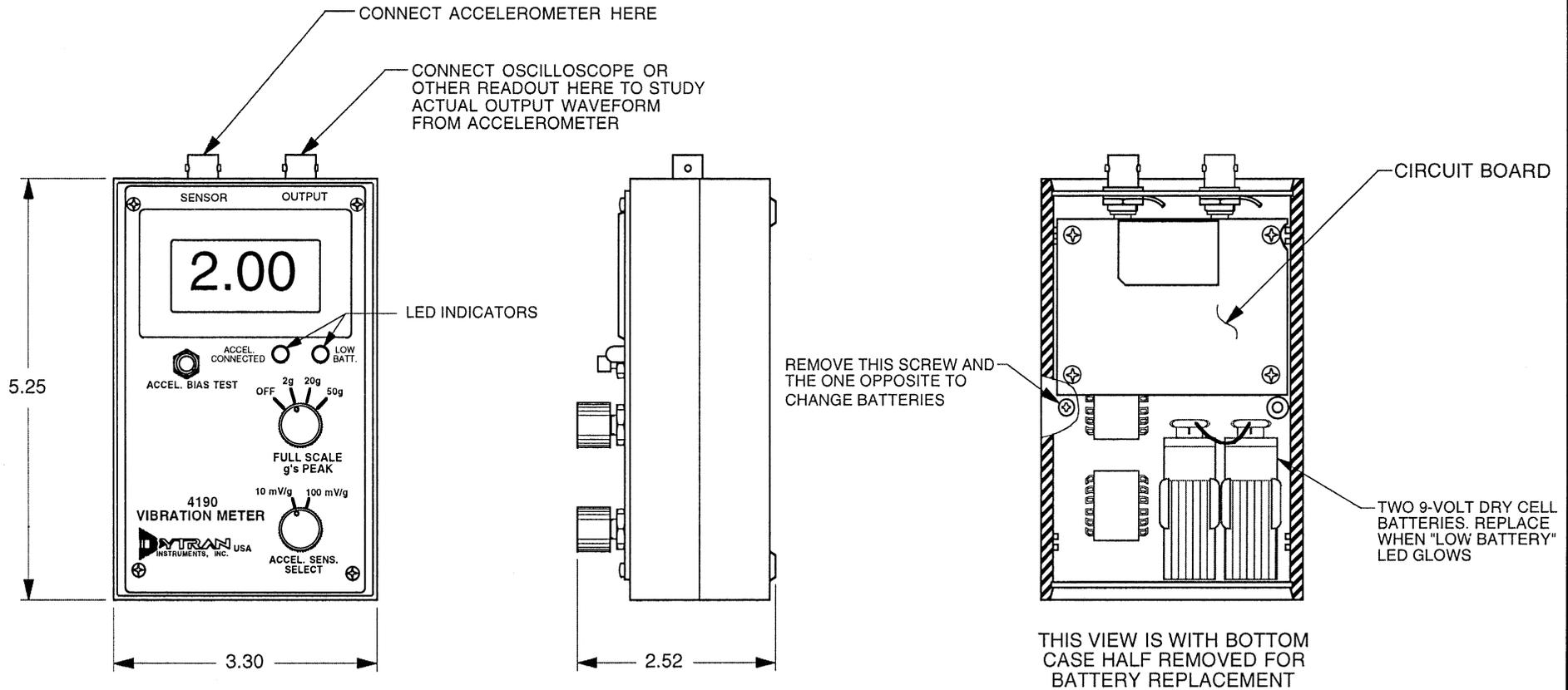


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REV	ECN	DESCRIPTION	BY/DATE	CHK	APPR
A	5791	INITIAL RELEASE	NC/2-19-09	AWS	DV



1. APPROX. WEIGHT: 0.7 LBS.

			CHATSWORTH, CA.		
SCALE 1X	DESIGN NC	DATE 2-9-09			
DRAWN NC	DATE 2-9-09	PART NO. MODEL 4190			
CHECKED AWS	DATE 2/20/09	MAT'L			REV A
APPROVED DV	DATE 2/20/09	NEXT ASSEMBLY	USED ON MODEL 4190		
TITLE OUTLINE/INSTALLATION DRAWING, MODEL 4190 VIBRATION METER				DWG NO. 127-4190	
				SHEET 1 OF 1	

SPECIFICATIONS, MODEL 4190 VIBRATION METER

SPECIFICATION	VALUE	UNITS	
FULL SCALE RANGE	2	g's, PEAK	
	20	g's, PEAK	
	50	g's, PEAK	
ACCELEROMETER SENSITIVITY SELECT	100	mV/g	
	10	mV/g	
ACCELEROMETER SUPPLY CURRENT	2	mA	
ACCELEROMETER COMPLIANCE VOLTAGE	18	Volts DC	
FREQUENCY RESPONSE, ± 3 db	20 to 5000	Hz	
ACCURACY, BASIC 4190 [1]	± 2	%	
LINEARITY	± 1.0	% F.S.	
OUTPUT IMPEDANCE, OUTPUT JACK	150	Ohms	
CONNECTOR, SENSOR & OUTPUT JACK	BNC	JACK	
DIGITAL METER RESOLUTION			
F.S RANGE	50g's	0.1	g's
	20g's	0.01	g's
	2g's	0.001	g's

NOTES:

1. Overall measurement accuracy is affected by the actual sensitivity of the accelerometer used. The accuracy stated here pertains to the meter alone. If the 4190 was purchased with a Dytran accelerometer, the overall accuracy of the system will be adjusted for maximum accuracy with that particular accelerometer.