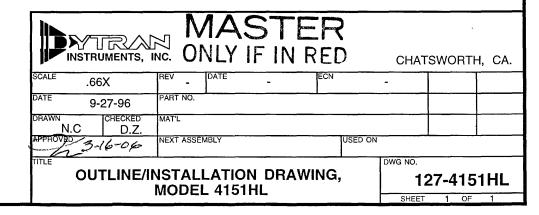


2. WEIGHT-WITHOUT OUTER CASE: 2 LBS., 6 OZ WEIGHT-WITH OUTER CASE: 2 LBS., 15 OZ.

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WHEN RACK MOUNTED, 4151HL MUST BE SUPPORTED AT THIS SURFACE BY CROSS MEMBER OR OTHER SUPPORT STRUCTURE.



SPECIFICATIONS, MODEL 4151HL TRUE RMS VIBRATION METER

| SPECIFICATION | VALUE | UNITS |
|---|--|----------------------|
| "G" RANGES [1] | 50, 10, 5 &1 | G's |
| VOLTAGE RANGES (external input jack) | 5, 1.0, .50 AND .10 | VOLTS, RMS |
| ACCURACY [2] | ± 2 | %FS |
| FREQUENCY RESPONSE, ±5%, ACCELERO 50 G RANGE 10 G RANGE 5 G RANGE 1 G RANGE | DMETER INPUT, F.S. LEVEL 1 to 100k 1 to 30k 1 to 15k 1 to 3k | Hz Hz Hz Hz |
| FREQUENCY RESPONSE, ±5% EXTERNAL 5.0 VOLT RANGE 1.0 VOLT RANGE 0.5 VOLT RANGE 0.1 VOLT RANGE | INPUT, F.S. LEVEL 1 to 680k 1 to 400k 1 to 150k 1 to 20k | Hz Hz Hz Hz |
| DC OUTPUT VOLTAGE SWING | 0 to 10 | VDC |
| OUTPUT IMPEDANCE of 0-10 VDC OUTPUT | CIRCUIT 50 | OHMS |
| OUTPUT IMPEDANCE, MONITOR JACK | 100 | OHMS |
| INPUT IMPEDANCE, EXTERNAL INPUT | 200 | kOhms |
| PANEL METER TAUT BAND, MOVING COIL, SCALE LENGTH, 2.41 INCHES | | |
| ELECTRICAL JACKS SENSOR INPUT MONITOR MONITOR EXTERNAL INPUT 0-10 VDC OUTPUT | BNC, REAR PANEL BNC, FRONT PANEL BNC, REAR PANEL BNC, REAR PANEL BNC, REAR PANEL | |
| SPDT ALARM RELAY, CONTACT RATING | 1.0 AMP @ 28 VDC, 0.5 AMP @ 1 | 20 VAC |
| SENSOR SUPPLY CURRENT | 4.0 | mA |
| SENSOR COMPLIANCE VOLTAGE | +20 | VDC |
| SIZE, LESS OUTER CASE (H x W x D) [3] SIZE, WITH OUTER CASE (H x W x D) | 5.22 x 3.05 x 8.06 5.50 x 3.12 x 8.06 | INCHES INCHES |
| WEIGHT LESS OUTER CASE WEIGHT WITH OUTER CASE | 2 Lb, 6 Oz 2 Lb, 15 Oz | |

 [&]quot;G" ranges cited are valid only when used with any 100 mV/g LIVM (IEPE) accelerometer. Multiply ranges by 10 when using a 10 mV/g LIVM (IEPE) accelerometer.
 Meter accuracy only. Accelerometer accuracy will affect system accuracy.
 Mounts in standard 19-inch wide equipment rack such as Dytran's Model 4200 rack. Up to 5 units may be mounted in a

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rack.