



DIYTRAN INSTRUMENTS, INC.		CHATSWORTH, CA.	
SCALE 1/2	REV	DATE	ECN
DATE 1/21/97	PART NO.	MODEL 4130	
DRAWN N.C.	CHECKED N.C.	MAT'L	
APPROVED	NEXT ASSEMBLY	USED ON	4130
TITLE OUTLINE/INSTALLATION CONTROL DRAWING, 12-CHANNEL RMS-DC CONVERTER, MODEL 4130			DWG NO. 127-4130
			SHEET 1 OF 1

**SPECIFICATIONS, MODEL 4130
TRUE RMS VIBRATION METER**

SPECIFICATION	VALUE	UNITS
FULL SCALE "G" RANGE (for 10 vdc out) [1]	5	G's, RMS
FULL SCALE RANGE (for 10 vdc out)	.500	VAC, RMS
ACCURACY [2]	+/- 1	%FS
FREQUENCY RESPONSE, +/- 5%	5 to 100K	Hz
DC OUTPUT VOLTAGE SWING (FS)	0 to 10	VDC
OUTPUT IMPEDANCE of 0-10 VDC OUTPUT	50	OHMS
OUTPUT IMPEDANCE, MONITOR JACK	100	OHMS
ELECTRICAL JACKS		
ACCEL (SENSOR) INPUT (12)	BNC, REAR PANEL	
0-10 VDC OUTPUT (24)	BNC, (12) REAR PANEL, (12) FRONT PANEL	
MONITOR (1)	BNC, REAR PANEL	
SENSOR SUPPLY CURRENT PER CHANNEL	5.0	mA
SENSOR COMPLIANCE VOLTAGE	+24	VDC
SIZE, (H x W x D) [3]	1.75 x 19.00 x 10.60	INCHES
WEIGHT	5.5	LBS
RACK MOUNT	PER RTMA 19" STANDARD RACK MOUNT	

[1] "G" ranges cited are valid when used with 100 mV/G accelerometer such as Dytran's Model 3100B.

[2] 4130 only. Accelerometer calibration may add more uncertainty to the system accuracy.

[3] Mounts in standard 19 inch wide equipment rack.