



MODEL NO.	SENSITIVITY
-	-
5800B2	100 mV/LbF
5800B3	50 mV/LbF
5800B4	10 mV/LbF
5800B5	5 mV/LbF

1. HEAD WEIGHT - 100 GRAMS, TOTAL WEIGHT-220 GRAMS

DYTRAN INSTRUMENTS, INC.		CHATSWORTH, CA.	
SCALE	1X	REV	DATE
DATE	6/17/00	ECN	
DRAWN	N.C.	CHECKED	R.A.
APPROVED		MAT'L	
		NEXT ASSEMBLY	USED ON
TITLE		DWG NO.	
OUTLINE/INSTALLATION DRAWING, IMPULSE HAMMER SERIES 5800B		127-5800B	
SHEET 1 OF 1			

SPECIFICATIONS, MODEL SERIES 5800B DYNAPULSE™ IMPULSE HAMMERS

MODEL	RANGE FOR +5V OUT (Lbs Force)	SENSITIVITY (mV/Lb Force)	MAX. FORCE (Lbs Force)	DISCHARGE TC (Sec)
5800B2	50	100	1000	20
5800B3	100	50	1000	50
5800B4	500	10	1000	170
5800B5	1000	5	2000	300

COMMON SPECIFICATIONS, ALL MODELS

SPECIFICATION	VALUE	UNITS
FULL SCALE OUTPUT VOLTAGE	5	VOLTS
STIFFNESS, SENSOR	11.4	Lb F/μ In
RESONANT FREQUENCY	75	kHz
LINEARITY	±1	%FS
OUTPUT IMPEDANCE, MAX	100	Ohms
VOLTAGE BIAS, NOM	+10	VDC
SUPPLY (COMPLIANCE) VOLTAGE RANGE	+18 TO +30	VDC
SUPPLY CURRENT RANGE	2 TO 20	mA
MATERIAL, HEAD/HANDLE	STAINLESS STEEL/FIBERGLAS	
WEIGHT, HEAD 5800A	100	Grams
CONNECTOR	BNC JACK	COAXIAL

ACCESSORIES SUPPLIED WITH BASIC HAMMER

(1) Impact tips, Model 6250A (aluminum), (1) Model 6250P (plastic) and (1) 6250PS, (soft plastic)

**Accessories supplied with hammer kits HB5800B, HL5800B:
above tips plus (2) head extenders, 6270S1 and 6270S2 for Model series 5800B.**