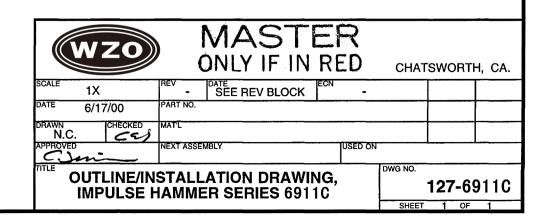


MODEL NO.	SENSITIVITY
6911C3	100 mV/LbF
6911C4	50 mV/LbF
691105	10 mV/LbF
6911C6	5 mV/LbF



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





- ACCELERATION COMPENSATED
- EXCELLENT LINEARITY
- INTERCHANGABLE IMPACT TIPS

PHYSICAL	
Weight, Head	
Connector	
Head	Material
Handle	Material
Impact Tips	Material
Sensing Element	Material
	Mode
PERFORMANCE	

ENGLISH		
3.5	O	
BNC		
Stainless Steel		
Fiberglass		
Aluminum / Plastic		
Quartz		
Compression		

SI			
100	grams		
BNC			
Stainless Steel			
Fiberglass			
Aluminum / Plastic			
Quartz			
Compression			

Sensitivity, ± 10 %
Range
Maximum Force
Linearity [1]
Resonant Frequency
Stiffness, Force Sensor

50	mV/LbF
100	Lbs. Force
1,000	Lbs. Force
±1	% Full Scale
75	kHz
11.4	Lb/μin

mV/N
N
N
% Full Scale
kHz
kN/μm

## ELECTRICAL

Output Voltage F.S Output Impedance, Max Bias Voltage Compliance Voltage Range Supply Current Range Discharge Time Constant, Nom

±5	V
100	Ω
7 to 12	VDC
18 to 30	VDC
2 to 20	mA
50	Sec
	•

±5	V
100	Ω
7 to 12	VDC
18 to 30	VDC
2 to 20	mA
50	Sec

This family also includes:				
Model	Sensitivity (mV/Lb)	Range (Lb. Force)	Max.Force (Lb. Force)	Discharge T.C. (sec)
6911C2	500	10	200	5
6911C3	100	50	1000	20
691105	10	500	1000	170
691106	5	1,000	2000	300
6911C5	10	500	6000	170
691106	5	1,000	8000	300

1700

Refer to the performance specifications of the products in this family for detailed description.

## Supplied Accessories:

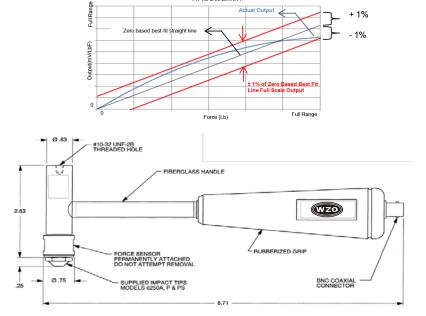
6911C7

- 1) Accredited calibration certificate (ISO 17025)
- 2) Impact tips: 1X Model 6250A (aluminum), 1X Model 6250P (plastic), 1X model 6250PS (soft plastic)

5,000

## Notes:

- [1] Percent of full scale or any lesser range, Zero based best-fit straight line method.
- [2] In the interest of constant product improvement, we reserve the right to change specifications without notice.



Units on the line drawing are in inches, units in brackets are in millimeters. Refer to 127-69110 for more information.