

~Calibration Certificate~

Impulse Hammer Information

Model Number: 9724A5000
 Serial Number: xx001
 Manufacturer: KISTLER
 ID Number: SSPL1795
 Description: Impulse Hammer

Impulse Hammer Specifications

Measurement Range:	Resonant Frequency	Hammer Length
±500 lbf pk	≥27 kHz	9.1 in

Standards and/or Equipment Used During Calibration:

Description	Manufacturer	Model No.	Serial No.	Cal Due Date
Data Acquisition	NI	PCI-4461	1AB3E8F	N/A
Mass	TMS	9961005B	2173	9-Sep-2017
Ref. accelerometer	PCB	353B04	109633	19-Sep-2018
Ref. signal conditioner	PCB	442A102	484	22-Aug-2017

1. Sensitivity table:

S.No.	Impact Tips	Without Extender		With Extender	
		mV/lbf	mV/N	mV/lbf	mV/N
1	RED	4.49	1.01	4.75	1.07
2	GREEN	4.42	0.99	4.68	1.05
3	GRAY	4.45	1	4.76	1.07

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Results relate only to the items calibrated.

Method: Back-to-Back Comparison Calibration

Measurement Uncertainty (95% Confidence level with coverage factor of 2) for frequency ranges tested during calibration is ±3.5%

Customer: ABC

User Notes:

Lab Conditions

Temperature: 24 ±2 °C Humidity: 49 ±5 %
 75.2 ±3.6 °F

Cal Date: 18-Jan-2017

Approval Information

Lab In-Charge: E.Dwarakanath

Approval:



SSPL Calibration Centre

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Cal ID: IH0001