

Model Number 699B02		HAND HELD SHAKER			Revision: A ECN #: 48673											
Performance		ENGLISH	SI		OPTIONAL VERSIONS											
Operating Frequency(± 1 %)		159.2 Hz	159.2 Hz		Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used.											
Acceleration Output(± 3 %)		1 g rms	9.81 m/s² rms	[4]												
Velocity Output		0.39 in/sec rms	9.81 mm/s rms	[5]												
Displacement Output		0.39 mil rms	9.81 mil rms	[5]												
Transverse Output		≤ 3 %	≤ 3 %													
Distortion(0 to 250 grams load)		≤ 7 %	≤ 7 %	[6]	NOTES: [1] Typical. [2] Alkaline type recommended for longest service life. [3] Approximate values, based on automatic switch off time and dependent on type of batteries. [4] Unit supplied set to rms; see manual for peak selection. [5] Calculated values for reference only. [6] Typical max for range [7] For sensors weighing <75 grams add model 080A136 mass [8] Unit supplied set to auto shut off; see manual for continuous use selection. [9] Transducer to shaker table. [10] Test sensor should be hand tightened (without tools). [11] See PCB Declaration of Conformance PS022 for details.											
Maximum Load		8.8 oz	250 gm	[7]												
Automatic Switch Off Time		1.0 to 2.5 minutes	1.0 to 2.5 minutes	[8]												
Calibration Cycles(250 gram load)		90 cycles	90 cycles	[3]												
Environmental																
Temperature Range(Operating)		15 to 130 °F	-10 to 55 °C		SUPPLIED ACCESSORIES: Model 073A15 Battery Pack (1) Model 080A136 Calibration Mass (1) Model 081A08 Mounting Stud (10-32 to 1/4-28) (1) Model 081A40 Mounting Stud (1) Model M081A19 Mounting stud, 1/4-28 to M6 x 1, SS with shoulder (1)											
Electrical																
Ramp-Up time		≤ 3 sec	≤ 3 sec	[1]												
Power Required(Standard)		Internal Battery	Internal Battery													
Power Required(Alternate)		DC Power	DC Power													
Internal Battery(Quantity)		4	4		<table><tr><td>Entered: LK</td><td>Engineer: CPH</td><td>Sales: KK</td><td>Approved: DY</td><td>Spec Number:</td></tr><tr><td>Date: 11/5/2018</td><td>Date: 11/5/2018</td><td>Date: 11/5/2018</td><td>Date: 11/5/2018</td><td>67896</td></tr></table>		Entered: LK	Engineer: CPH	Sales: KK	Approved: DY	Spec Number:	Date: 11/5/2018	Date: 11/5/2018	Date: 11/5/2018	Date: 11/5/2018	67896
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Date: 11/5/2018	Date: 11/5/2018	Date: 11/5/2018	Date: 11/5/2018	67896												
Internal Battery(Type)		AA	AA	[2]												
DC Power(± 5 %)		12 VDC	12 VDC													
DC Power		1.67 Amps	1.67 Amps													
Battery Life(250 gram load)		2.3 hours	2.3 hours	[3]												
Physical																
Size (Height x Diameter)		7.8 in x 2.2 in	200 mm x 56 mm													
Weight(with batteries)		31 oz	900 gm	[1]												
Mounting Thread		1/4-28 Female	No Metric Equivalent	[9][10]												
Mounting Torque(Maximum)		to 10 in-lb	to 10 in-lb	[9]												
 [11]																
<i>All specifications are at room temperature unless otherwise specified. In the interest of constant product improvement, we reserve the right to change specifications without notice.</i>																
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