

Model Number 699A02	HAND HELD SHAKER		Revision: C ECN #: 29041
DYNAMIC PERFORMANCE Frequency Acceleration Velocity Displacement Transverse Amplitude Distortion: 0 to 250 grams load ENVIRONMENTAL Operating Temperature Range ELECTRICAL Ramp-Up Time Power Required: Internal (batteries) Internal (batteries) External Power: External (DC jack) External (DC jack) Automatic Switch Off Time Battery Life: 250 gram load Calibration Cycles: 250 gram load MECHANICAL Maximum Load Size (diameter x height) Weight (with batteries) Mounting Maximum Mounting Torque		Optional versions have identical specifications and accessories as listed for the standard model except where noted by the letter prefixes below. More than one option may be used. ☐ M - Metric Acceleration m/s ² [g] rms 10.0 [1,02] (±3%) [1]	OPTIONAL VERSIONS Optional versions have identical specifications and accessories as listed for the standard model except where noted by the letter prefixes below. More than one option may be used.
159.2 [9 552] 1.00 [9,81] 0.39 [9,81] 0.39 [9,81] ≤3 7 +15 to +130 [-10 to +55] ≤3 AA 4 10 2.4 1.0 to 2.5 2.3 90 8.8 [250] 2.2 x 7.8 [56 x 200] 31 [900] 1/4-28 UNF-2B 10 [112] [11] [7] [9] [6] [4] [4] [11] [10] [3] [5] [5]		NOTES: [1] Unit supplied set to RMS; see manual for peak selection. [2] Alkaline type recommended for longest service life. [3] Test sensor should be hand tightened (without tools). [4] Approximate values. Service life may be higher or lower, depending on usage. [5] Transducer to shaker table. [6] Unit supplied set to auto shut off; see manual for continuous use selection. [7] This specification for external DC power supply (optional). [8] Calculated values for reference only. [9] Maximum. [10] Typical. [11] For sensors weighing less than 75 grams — Add Model 080A136 Calibration Mass to shaker table. [12] Typical maximum for range. [13] See PCB Declaration of Conformance PS022 for details. SUPPLIED ACCESSORIES: Model 081A40 Mounting Stud (1/4-28 to 1/4-28) (2) Model M081A19 Mounting Stud (1/4-28 to M6 x 1) (1) Model 081A08 Mounting Stud (10-32 x 1/4-28) (1) Model 080A136 Calibration Mass (1) Carrying Case (1) Model 073A15 Battery Pack (1) Storage Box (1) OPTIONAL ACCESSORIES: Model 073A16 DC Power Supply	
CE [13]		OPTIONAL ACCESSORIES: Model 073A16 DC Power Supply	
All specifications are at room temperature unless otherwise specified. ICP® is a registered trademark of PCB Piezotronics, Inc. In the interest of constant product improvement, we reserve the right to change specifications without notice.		Drawn: JH Engineer: MAB Sales: JH Approved: JH Spec Number: Date: 7-3-08 Date: 7-2-08 Date: 7-2-08 Date: 7-2-08 9563	
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