Model Number 394C06	HAND-HELD SHAKER	Revision G ECN #: 14822

Performance	ENGLISH	SI	
Operating Frequency (±1 %)	159.2 Hz	159.2 Hz	
Acceleration Output (±3 %)	1.00 g rms	9.81 m/s² rms	[6]
Velocity Output	0.39 in/s rms	9.81 mm/s rms	[7]
Displacement Output	0.39 mil rms	9.81 µm rms	[7]
Transverse Output	≤3 %	≤3 %	
Distortion (0 to 100 grams load)	≤2 %	≤2 %	
Distortion (100 to 210 grams load)	≤3 %	≤3 %	
Maximum Load	7.4 oz	210 gm	[8]
Automatic Switch Off Time	1.0 to 2.5 minutes	1.0 to 2.5 minutes	[9]
Calibration Cycles (2 gram load)	320 cycles	320 cycles	[5]
Calibration Cycles (25 gram load)	600 cycles	600 cycles	[5]
Calibration Cycles (50 gram load)	1600 cycles	1600 cycles	[5]
Calibration Cycles (100 gram load)	400 cycles	400 cycles	[5]
Calibration Cycles (150 gram load)	160 cycles	160 cycles	[5]
Calibration Cycles (210 gram load)	80 cycles	80 cycles	[5]
Environmental			
Temperature Range (Operating)	+15 to +130 °F	-10 to +55 °C	
Electrical			
Ramp-Up time	≤3 sec	≤3 sec	[1]
Internal Battery (Quantity)	4	4	
Internal Battery (Type)	AA	AA	[2]
DC Power	10 VDC	10 VDC	[3]
DC Power	2.4 amps	2.4 amps	[4][3]
Battery Life (2 gram load)	8 hours	8 hours	[5]
Battery Life (25 gram load)	15 hours	15 hours	[5]
Battery Life (50 gram load)	40 hours	40 hours	[5]
Battery Life (100 gram load)	10 hours	10 hours	[5]
Battery Life (150 gram load)	4 hours	4 hours	[5]
Battery Life (210 gram load)	2 hours	2 hours	[5]
Physical			
Size (Diameter x Height)	2.2 in x 7.8 in	56 mm x 200 mm	
Weight (with batteries)	31 oz	900 gm	[1]
Mounting Thread	10-32 Female	10-32 Female	[10][11]
Mounting Torque (Maximum)	10 in-lb	112 N-cm	[11]

CE[12]

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.
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Optional Versions (Optional versions have identical specifications and accessories as listed for standard model except where noted below. More than one option maybe used.)

M - Metric Mount

Acceleration Output (±3 %)	1.02 g rms	10.0 m/s² rms

Notes

[1] Typical.
[2] Alkaline type recommended for longest service life.
[3] This specification for external DC power supply (optional).
[4] Maximum.
[5] Approximate values, based on automatic switch off time and dependent on type of batteries.
[6] Unit supplied set to rms; see manual for peak selection.
[7] Calculated values for reference only.
[8] Maximum load includes sensor, connector and cabling.
[9] Unit supplied set to auto shut off; see manual for continuous use selection.
[10] Test sensor should be hand tightened (without tools).
[11] Transducer to shaker table.
[12] See PCB Declaration of Conformance PS022 for details.

Optional Accessories

073A16 (1)
080A150 Mounting Base (1/4-28) (1)
080B44 3-Pin Mounting Adapter (1)

Supplied Accessories

073A15 Battery Pack (1)
080A109 Petro Wax (1)
080A84 Mounting Base (5-40 to 10-32) (1)
080A85 Mounting Base (M3 X 0.5 to 10-32) (1)
081A08 Mounting Stud (10-32 to 1/4-28) (1)
081B05 Mounting Stud (10-32 to 10-32) (2)
M081B05 Mounting Stud 10-32 to M6 X 0.75 (1)
M081B23 Metric mounting stud, 10-32 to M5 x 0.80 long (1)

Entered: RJL	Engineer: DJS	Sales: WDC	Approved: EJV	Spec Number:
Date: 06/26/2002	Date: 06/26/2002	Date: 06/26/2002	Date: 06/26/2002	**1345**

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