# Jib Timer Dv2



G-rms, Shock, Temperature & Humidity Logger

> IST Instrumented Sensor Technology

# G-rms, Shock Temperature & Humidity Logger

VibTimer-Plus 3Dv2 is a new, low cost 3-axis g-rms and peak shock logger for transportation and other industrial monitoring applications. The device attaches to your shipment or machine and records g-rms vibration level information over long time periods along with exact date/time of all measurements.

- 3-axis g-rms vibration logging over user selectable time windows
- Peak-g shock recording (Max) over user selectable time windows
- Max / Min temperature and humidity logging over time windows
  - ▲ Time Window selections from 1 min to 24 hours
    - Active LED indicator lamp
      - 6 month battery life user-replaceable
        - ▲ Wireless Blue-Tooth PC data communications
          - Very simple to setup & install
            - Data imports to excel
              - Small Size and Weight
                - Low cost

Patent Pending

Instrumented Sensor Technology

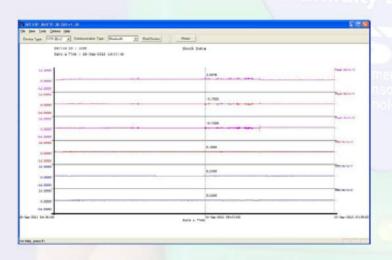


Warehouses



G-rms, Shock
Temperature & Humidity Logger

The new VibTimer-Plus 3Dv2 provides 3-axis acceleration level documentation of both shock & vibration environments for periods up to six months. The instrument computes and logs g-rms over user selectable, contiguous time windows, along with the actual (Max) peak-shock reading registered over the same time window, for each x, y, and z measurement axis. This provides the user with a complete characterization of the acceleration level environment over extended periods of time. In addition the unit logs max and min temperature and humidity for each time window.



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65	At the stock	SUMMER	11.005	9.01	19381	0.00	10.01	848	
lie .	213ep-850	11.0106	6.62	9.01	19.06	5.00	4.00	444	
61	JHOW-DOX	12:59:59	16,000	9.00	70.07	5.00	9.11	9.01	
56	215w-010	2.6186	1/8	8.06	-642	8.01	6.11	840	
abs:	24 Sep 2012	12-95199	156	9.19	6.63	8.05	0.81	5.0	
166	21/54-2002	12.459.00	9.36	5.08	8.40	3.46	4.00	6.12	
188	341tap-3802	C2:09:00	1.199	6.06	638	0.01	634	0.07	
182	210-9-2012	02.09388	1.04	633	486	5.83	-6.13	5.62	
880	240mp-0002	CO-CONTESS.	1.106	9.01	9.09	0.00	6.13	9.00	
558	34.50p-3802	DEPER	2.06	0.15	1878	8.67	8.94	0.67	
mit .	340Mp-0002	\$2.0616	1/53	0.14	-0.001	0.05	400	0.10	
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100	String-Strik	23-5749	140	6.04	16.65	6.00	0.04	9.00	
279	(Philosophical)	1212759	3.92	9.01	700	8.65	9.05	150	
674	257bs-3942	12:14:03	1.61	9.04	440	1.61	5.6	4.03	
AT .	245m-256	12/19/406	1.62	0.01	46.69	8.60	10	4.45	
475	2156-202	E23688	5.83	5.00	-6.00	1.01	5.9	4.00	
alle.	24 hay 3840	15-17-59	1.61	8.84	-0.00	6.86	4.66	4.65	
619	(454-35)	(2:1849)	0.00	5.00	0.00	0.00	4.04	4.00	
676	345mp-092	CO-CWIDE -	1.06	6.04	460,000	11.00	(5.06)	840	
839	2450p-3602	12-200.688	1.63	6.01	10.00	0.53	8.00	8.00	
RITS .	(24 Dep-2012)	627271889	15.604	8:00	40.03	0.03	8.00	9.03	
ADB	34/bgr-0802	13/23/88	1.63	804	40.03	6.00	606	840	
100	24/34p-0002	101079-000	1.60	6.01	40.00	19.493	406	840	
100	240ep-0002	12/24/08	0.63	8.00	+6.09	8.00	6.00	9.00	
160	215ep-3512	0.058	5.65	634	4.01	8.69	4.04	8.60	
882	(14 (Mp-010)	\$2:00 BB	1.06	9.01	white	0.40	40.00	8.00	
454	21 log 3012	Q250	1.63	9.00	480	5.0	-6.00	440	
med .	215ep-010	10-20-00	1.04	6.01	10.00	5.40	6.00	840	
100	215w-010	10.0598	11.09	5.01	-6.09	5.00	6.15	648	
445	34 hay 5000	0.3686	1.24	8.04	-6.50	11.00	4.8	6.07	
200	2459-392	52:20.00	5.82	5.05	8.28	5.05	45.00	8.19	
124	24/hap-8802	12-8139	1.66	5.14	-6.80	8.32	6.9	4.00	
806	245m-380	(2/28/89	0.47	6.25	1867	8.07	0.91	6.28	
481	34549-5802	55.54.00	5.47	8.15	46	8.50	4.94	0.11	
eac .	24 Dep-0162	13-26389	1.76	806	16.83	8.00	6.80	0.11	
and .	21 hp-200	12:36:58	9.09	8-25	49.13	8.00	6.61	611	
and a	24 (Mp-000)	12-3748	5.66	901	10.70	9.00	0.41	0.00	
-	21 hep-2019	12 20 M	0.00	5.00	19.00	0.00	8-25	8.07	
500	24 Mp-0102	G-19-59	2.00	0.00	10.00	B-05	3.05	9.11	
807			3/50	9.11	250	8.00	5/0	9.68	
100	21 has 1004	12-10 M	1.00	8.01	9.00	5.00	2.0	6.00	
<b>II</b> -	21 Sep -0102	62-43:00 12-43:00			-0.00	2.00	18	5.03	
190			1.01	881	48	5.00	100	100	
	215m 812	52-49-66							

For more information contact:

## **Applications**

- Carrier Handling Quality Evaluation and Comparison
- · Shipment Monitoring
- · Pallets, Ocean Containers, ISO Containers, Crates
- Rail Cars
- Transformers, Fuel Cells, Large Machines, Semiconductor Fab & More
- Medical Imaging Equipment
- Aircraft Turbulence, Hard Landing
- Ordnance & Munitions
- Ride Quality Measurements
- · Fleet Handling Measurements
- · Industrial Machinery Monitoring
- Large Machine Vibration Monitoring
- Remote Machine Operational History Documentation



# **Product Specifications**

Full Scale Measurement Range: Accuracy:

Maximum number of g-rms Vibration Readings: Maximum number of Peak-G shock Readings:

Time Window Selection Options: Digital Sampling Time Resolution:

Frequency Response:

Temperature Measurement Range:

Humidity Measurement Range:

Operational Temperature Range:

Operational Battery Life:

Switches:

Size:

Weight:

Enclosure:

Batteries:

Mounting:

Options:

16g, tri-axial 5%

10,000

10,000

1, 10, 30 min; 1, 3, 6, 12, 24 hr

10 msec DC-40Hz

-40 to +160 deg F

0 to 100%

-40 to +160 deg F

6 months

(1) On/Off; (2) REC/COM on bottom 4.9" x 2.9" x 0.9"

5.6 oz

Injection molded plastic

Four lithium AAA cells DOT compliant

Three in-built mounting holes Mag-Mount-STP/VTP magnetic

mounting base

Blue-Tooth STP/VTP wireless USB

for PC (PC end)

Case: STP / VTP weather/waterproof case

