



AccuBeat Ltd.

Line of Business

Accurate Frequency
& Time Systems –
Atomic Clocks

Established

1994

Leading Executives

Dr. Avinoam Stern
President

Mr. Benny Levy
CEO

AccuBeat Ltd. design develops and manufactures highly accurate Rubidium Frequency Standard, GPS-Disciplined Rubidium clocks, accurate Time & Frequency Systems and customized solutions. These products provide frequency accuracy and frequency stability in a range of 10-12 to 10-13, and time accuracy of a few nanoseconds.

- Well known and qualified supplier for high demanding applications for military, Tactical and government programs
- We provide COTs and Customized Solutions for synchronization and timing to the wireless and wireline telecommunication industry.
- Highly professional and experienced team of managers, PhDs, engineers and technicians provide on-time solutions to all our customers' needs

AccuBeat Ltd. is developing the next generation miniature atomic clock which its size is smaller than a matchbox.

AccuBeat's Leading Products

AR133A

Disciplined Rubidium-Frequency-Standard

- Outputs: 10MHz and 1PPS
- Short term stability: $<3E-12$ @ 100s
- Phase noise: -160dBc/Hz Floor
- The smallest size in the market

AR51A-07

GPS-Disciplined Rubidium Clock

- C/A or p(y) code, SAASM GPS Receiver
- Frequency Accuracy: $< 1E-12$
- 1PPS Accuracy: Typ. 20ns (RMS)
- Full MIL-STD qualification for military Airborne Applications

AR73A-16

GPS-Disciplined Rubidium Clock

- Frequency Accuracy: $< 1E-12$
- IRIG-B, LAN-NTP, Have Quick, RS-232
- 3x10MHz, 3x 1PPS
- IRIG-B Input



AR133A



AR51A-07



AR73A-16



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Q.A System

- AS9100
- ISO 9001:2008

AccuBeat's Product Line

- Rubidium Frequency Standards
- GPS/Galileo Disciplined Rubidium
- GPS/Galileo Disciplined OCXO's
- NTP/PTP Time Servers
- Redundancy Switch & Distributors
- Oven Controlled Crystal Oscillators