



TACMET II FOR NBC RECON SYSTEMS

FEATURES:

- **Sonimometer™ Wind Sensor**
- **Fast Response Relative Humidity Sensor**
- **Flux-Gate Compass**
- **Digital Output**

Climatronics' TACMET II Weather Sensor for NBC Reconnaissance Systems, P/N 102451, is a second-generation weather sensor, following on our support of the Army's Biological Identification and Detection System (BIDS) program using our groundbreaking mechanical TACMET sensor. The TACMET II incorporates Climatronics' new and unique folded-path, low-power sonic anemometer, the Sonimometer™, with a temperature sensor, a fast-response capacitive relative humidity sensor, and a flux-gate compass. An on-board microprocessor provides a digital output message; RS-232C is standard; RS-485 is available as an option. Special output formats are also available.

Preserving much of the compact size and weight, low power, and reliability of its predecessor, the TACMET II for NBC Reconnaissance Systems will output the wind direction data automatically oriented to magnetic North with the internal flux gate compass. Other versions of the TACMET II can be provided with one of several barometric pressure sensors, which have accuracies ranging from ± 2.75 hPa to ± 0.40 hPa.

The TACMET II is designed for maximum durability, portability, and utility, making it uniquely applicable for rapid deployment and use by one person under adverse conditions. The sensor may be mounted on a tripod or vehicle mast.

The TACMET II is supported by a number of accessories, including: carrying cases; hand-held displays; compact, lightweight tripods; and, depot repair and calibration fixtures.

The TACMET II has an aluminum housing and special filtering for EMI/RFI resistance. Several paint colors are available. The TACMET II has passed all relevant MIL-SPEC testing.



Systems to Detect Airborne Chemical, Biological, or Nuclear Warfare Agents

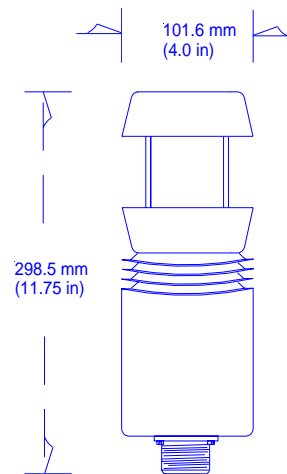
PROGRAM	CUSTOMER
Biological Integrated Defense System (BIDS) and P ³ I BIDS	US Army; CBDCOM
Joint Biological Point Detection System (JBPDS)	US Army; CBDCOM (Battelle, General Dynamics, Lockheed)
Short-Range Biological Standoff Detector	US Army; CBDCOM (Fibertek, Inc.)
HAZMAT Detection-(Input to ALOHA/EIS/HAZMAT Dispersion Model)	US Air Force, Local Government/Commercial
NBC Detection at Harbors	Canada Department of National Defence
Weather Sensor Network for Emergency Response	USMC; Chemical/Biological Incident Response Force (CBIRF)
NBC Detection Vehicle	Government of Croatia
MultiAgent Tactical Sentry (MATS)	Government of Canada



Two Views of the JBPDS Truck-Mounted Shelter with the TACMET II Deployed



Man Portable JBPDS System



Dimensions of the TACMET II

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