



# BI TAD<sup>®</sup>

## Transdermal Alcohol Detector

### CONTINUOUS ALCOHOL MONITORING + RELIABLE CURFEW MONITORING

BI TAD<sup>®</sup>, the Transdermal Alcohol Detector, is the industry's first device to conveniently offer agencies, DUI/DWI courts, and treatment providers with continuous alcohol and radio frequency monitoring, in a single transmitter. Trusted and court-validated, BI TAD senses alcohol through the skin, allowing judges and community corrections officers to effectively monitor sobriety and curfews of high-risk, DUI, and alcohol clients.

### ADVANCED TECHNOLOGY, YET SO SIMPLE TO USE

Using transdermal technology, TAD is an ankle-worn device that senses alcohol through the skin. It detects and reports alcohol events over a 0.020 transdermal alcohol concentration (TAC) threshold. Installed in the client's home, the base station collects alcohol events and reports them to the central monitoring system.

To detect a potential drinking event, the alcohol detection module on the inner side of the device monitors moisture and vapor excreted from the client's skin for alcohol. If a client exceeds the 0.020 TAC threshold, an alcohol event will be recorded and transmitted to the central monitoring computer when within 50 feet of the base station.

### TEXT COMMUNICATION WITH CLIENT ACKNOWLEDGEMENT

The base station's LCD touch screen offers direct navigation and accessibility to both the officer and the client. Officers can send immediate or scheduled text communications to a client, with the option to require client acknowledgement. The client can easily read and acknowledge officer text communications by simply tapping on the touch screen and following the prompts—it's intuitive and easy to use.

### COURT VALIDATED – NO BACKUP TESTING NEEDED

TAD uses a proprietary algorithm that provides a baseline for each individual wearing the device to enhance testing accuracy. Results generated by TAD stand on their own – no secondary or backup testing is needed. TAD has single source admissibility for court and revocation hearings and meets the Daubert standard of scientific evidence admissibility.

### KEY FEATURES

#### BI TAD

- Size: 2.7 x 3.4 x 2 inches
- Weight: 8 ounces
- 24/7 transdermal alcohol detection
- Built-in radio frequency monitoring
- Calibration every six months
- Multiple tamper-resistant features
- Water resistant
- No client testing needed

#### BI HomeBase LTE

- Size: 3.0" H x 6.5" W x 7.5" D
- Weight: 1.26 lbs
- 3.5" color, LCD touch screen
- Cellular compatibility
- Text communication with client acknowledgement
- GPS, GLONASS, and Wi-Fi technologies
- LTE Cat-M1 modem
- Stackable design to improve agency inventory
- On-demand cell signal status
- 3-axis motion detection
- Case tamper detection
- 48-hour back-up battery
- 50,000 event storage in non-volatile memory
- Easy to perform range tests with on-screen instructions and automatic zone selection



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