



# 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 offenders.

### 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, BI HomeBase collects alcohol events and reports them to the central monitoring computer.

To detect a potential drinking event, the alcohol detection module on the back 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 HomeBase.

### SIMULTANEOUS CURFEW MONITORING

By combining alcohol and radio frequency monitoring in one easy-to-use device, agencies are able to effectively manage offenders and reduce equipment inventory. TAD can monitor the presence or absence of a client in the home, and if a violation is detected, an alert is generated, and the supervising agency or officer is notified.

### 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.

**Call 586.466.4388 today to schedule a product demo.**

### KEY FEATURES

#### BI TAD

- Size: 2.7 x 3.4 x 2 inches
- Weight: 8 ounces
- 24x7 transdermal alcohol detection
- Built-in radio frequency monitoring
- Calibration every 6-months
- Multiple tamper-resistant features
- Water resistant
- No client testing needed

#### BI HomeBase

- Variable range for curfew monitoring – 35, 75, or 150 feet
- 48-hour backup battery
- 90,000 message buffer
- Landline and cellular models available
- Multiple alert notification methods
- Hello calls logged with every download (4-hour default)



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