



Changing Workforce Behavior Toward Alcohol

Imagine being able to test for alcohol in the workplace everyday, or as often as you choose, with a non-invasive, self-administered testing method that delivers accurate results in as little as ten seconds . . . and simultaneously verifies user identification. The TruTouch 2500 sobriety assurance system uses safe, near infra-red (NIR)

light to measure alcohol intoxication and provide biometric identification without breath or bodily fluids, disposables or consumables, or even the presence of a test administrator. Finally, an easy, fast, effective deterrent system practical enough for daily or frequent alcohol testing in work environments.

TruTouch 2500

TEST APPLICATIONS

- Pre-employment
- Land or sea (oil rigs)
- Before/during/after shifts
- Access gates and natural "choke" points
- Drivers: Points of departure, arrival or both
- Test everyone or randomly
- Deploy selectively (remote locations, problem locations) or use broadly

Instant alcohol detection and identify verification

Run in "ID mode" or in "walk up mode." Devices can be networked to provide informatics locally and across multiple sites

Exceptional sensitivity and accuracy

Clinically correlated to forensic-grade blood test results; as accurate as evidentiary-grade breathalyzers.

Completely self-administered testing

No test administrator required. Employee ID verification eliminates "buddy punching."

Easy to use, instant results and fast throughput

Individual results in as little as 10 seconds. Completes up to 180 tests per hour. As easy to use as an ATM machine

Low cost

No disposables. No consumables.



The TruTouch 2500 transmits safe, non-invasive near infra-red (NIR) light into the skin via contact with an optical touch pad. It then collects a portion of the light reflected back by the skin and analyzes it to determine tissue alcohol concentration and verify user identity



More than just occasional alcohol screening, daily or frequent testing with TruTouch Technology deters alcohol abuse and has a profound effect on changing behavior toward alcohol in the workplace.

- Prevent alcohol-related accidents in the workplace and the costly consequences of impaired judgment
- Avoid costly lawsuits
- Reduce
 - Medical and insurance costs and workman's compensation
 - Absenteeism
- Increase productivity
- Protect
 - Property
 - Financial assets
 - Reputation



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SPECIFICATIONS

Detector Type:

NIR spectroscopy

Test Time:

Fast (screening) scan: 10 second

Quantification Scan:

25 seconds (10 + 15)

Test Locations:

Index, middle, or ring finger of either hand

Sample Interface:

Fused silica fiber optic sensor 4mm x 4mm

Warm-up Time:

Approximately 10 minutes from a cold start. Typically run 24/7 as needed

Power:

AC Input: 115/230 VAC, 50/60 Hz

Power dissipation of unit: 55W (typical)

Power Sources:

115/230 VAC, 50/60 Hz

Storage Temperature:

-4°F to 172°F (-20° C to 80° C)

Operating Temperature:

44°F to 110.4°F (7°C to 38°C)

Peripheral Interface Options:

External USB numeric keypad for rapid data entry

USB thermal receipt printer for immediate test results

Internal RFID badge reader for rapid testing

Ethernet connectivity for remote data management and reporting

Mounting / Security Options:

Light security mounting via Kensington cable mount integral to chassis (laptop style security cable)

High security mounting via 4 x ¼-20 threaded bolt mounts in bottom of sheet metal

Calibration / QC:

Internal calibration reference. Continuous QC tests run in background (~1 minute process)

Internal Data Storage and Reporting:

Able to support 6,000 active users in internal storage (500,000 individual test results)

All test results stored and available for retrieval

Daily, weekly, and monthly management reports available directly on the unit for display and print

Data Display:

5-inch VGA color display with touch screen

Safety:

Class 1 laser safe device (21 CFR 1040.10, IEC 60825-1). Laser is internal only, no direct laser exposure to users

DIMENSIONS

Height 12 inches (30.5 cm)

Width 10 inches (24.4 cm)

Depth 14 inches (35.6 cm)

Weight 15 lbs (6.8 kgs)

