

CALIBRATION SYSTEMS

Intoximeters® recommends that external accuracy checks and calibrations be performed using either a dry gas standard or wet bath simulator approved for use by both NHTSA and Intoximeters. The Mini-Alco Can may be used in non-evidentiary testing environments to provide external accuracy checks and calibrations.

FOR EVIDENTIARY TESTING



Evidential Dry Gas Standard

Offered in two sizes: 30 Liter and 108 Liter. The cylinder contains a single-phased mixture of nitrogen and ethanol. Used properly, the dry gas standard provides hundreds of samples for any of the Intoximeters hand-held units. Shelf life is at least eighteen (18) months.

Intoximeters stocks dry gas standards with a value of .038%, .082% or .100%. Other values are available upon request.

The regulator used with the dry gas standard is reusable, purchased separately, and will fit all offered dry gas packages (30L and 108L). Available regulators are 1.5 LPM & 6 LPM.



TRUE-CAL II Device

To accomplish a higher level of accuracy when doing evidential testing, the TRUE-CAL II device can be used with an Intoximeters approved dry gas standard. The TRUE-CAL II device automatically calculates the expected value of the dry gas standard and adjusts for current atmospheric pressure. With the push of a button the TRUE-CAL II device displays the corrected value for the gas standard. TRUE-CAL II devices are specific for Intoximeters gas mixtures and should not be used with gas mixtures that are not purchased from or approved by Intoximeters. While this new version offers the same functionality of the original TRUE-CAL Device, the TRUE-CAL II also has a number of updated features that make it a more versatile accessory. The user now has the option to enter tank data to track expiration dates and lot numbers for the given standard.



Simulator

The wet bath simulator is a specifically designed, constant temperature, water-alcohol standard for the purpose of providing a wet alcohol-air mixture of a known alcohol concentration.

FOR NON-EVIDENTIARY TESTING

Mini -Alco Can

Pressurized canister with a single-phased gas mixture of argon and alcohol. The valve/button controls the flow of gas. The pressurized canister has a ten-test capacity and a shelf life of 12 months from the date of shipment. (A *THREE-PACK* is available at a discounted price). This calibration method is a calibration solution for non-evidentiary testing when performed with the Alco-Sensor, Alco-Sensor III and Alco-Sensor IV.

