

# Intoximeters

## 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 the National Highway Traffic Safety Administration (NHTSA) and Intoximeters.



### EVIDENTIAL DRY GAS STANDARD

Evidential dry gas is offered in three sizes: 34 Liter, 55 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 18 months.

Intoximeters stocks dry gas standards with a value of .038%, .040%, .080%, 082%, or .100%. Other values are available upon request.

#### Features:

- NHTSA and Intoximeters approved—listed on NHTSA CPL for calibrating units. Tested for proper use with Intoximeters instruments.
- Directly traceable to a NIST (National Institute of Standard and Technology) NTRM (NIST Traceable Reference Material).
- Long shelf life.



The regulator used with the dry gas standard (purchased separately) is reusable and will fit all offered dry gas cylinders (34L, 55L, and 108L). Available regulators are 1.5 LPM and 6 LPM flow rates.



### 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. The TRUE-CAL II device is 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 basic 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.



### DRY GAS CYLINDER DRAINING TOOL

The 'Draining Tool' was made for use on Intoximeters dry gas cylinders using a C-10 valve assembly (55L, 34L, and 108L cylinders) and has been designed to release all of the gas and to permanently break the valve so that the cylinder is open to the atmosphere. It is not recommended for any other use. Proper safety precautions must be followed whenever using this tool. Detailed instructions will be included with shipment of this tool.