



## Meet the Uber M-I™ Family World's Smallest, Absolute H<sub>2</sub>O Analyzer

Industrial Gas

Electronic Gas

Natural Gas

Medical & Aviation

Aerospace & Military

Glove Box

Specialty Gases

### Reliable, Versatile, Easy-to-use, and Easy on Your Wallet

Featuring MEECO's legendary Electrolytic Sensor technology, Ubers offer drift-free, calibration-free performance and a wide dynamic range -- from 0.5 to 1000 ppmV -- over three orders of magnitude! Their freedom from consumables, recyclable sensors, and sustainable design make the Uber line truly a product for our times.

#### Basic Uber M-I makes quality assurance a snap!

- Install at your point of use – 24 VDC transmitter
- Sensor designed for fast & easy field replacement
- Bottom-mount cable connection simplifies mounting

#### The Bench-top Uber LAB eases testing

- Small footprint tucks into your instrument bench
- Angled rise for comfortable viewing access

#### Rack-mount Uber RAK

- Two Uber RAKs fit into one 19" rack for process control
- Optional package with SMA (Standard Moisture Addition) for very dry gases
- Perfect for ASUs and integration with complementary analytical systems

#### The Transportable Uber GO gets around

- Rugged Pelican™ waterproof, dustproof case
- Safe and easy transport

#### New Features, All Included:

- Analog 4-20 mA and RS-232 outputs
- Two field-adjustable LED alarms, with dedicated Relay Outputs
- Enclosure designed for easy internal access

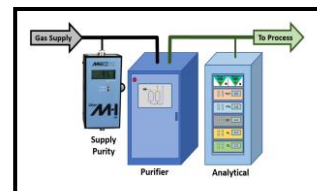


**Service with a Big Smile 😊:** The **Uber M-I** comes with a full two-year Certificate of Calibration. The cell can easily be replaced in the field, with no need to disconnect the unit from the sample stream! Spare cells now have a two-year storage life if kept in their unopened shipment bags.

# Uber M-I Family

**We Get Around:** The **Uber M-I** is suitable for a wide array of applications, including:

- ❑ **Glove Boxes:** Based on its small size and lack of internal flow restrictions, the **Uber M-I** is ideal for **Glove Boxes** when you control the sample flow to 100 cc per minute. **NOTE:** A vacuum pump can pull gas through the analyzer.
- ❑ **Semiconductor pre-purifier:** Avoid damage to your costly purifiers with a reliable, on-line **Uber M-I**. Save money and guarantee gas quality.
- ❑ **Cylinder-fill:** Place an **Uber M-I** at the front of your filling process to assure incoming gas meets specifications.
- ❑ **Medical Gases:** The **Uber M-I** electrolytic technology is mandated by the *Pharmacopoeia Europa* for moisture analysis.
- ❑ **Welding:** The **Uber M-I** accurately measures in different inert gases and mixtures by adjusting the sample outlet gas flow to 100 cc per minute.
- ❑ **Fire suppression Systems:** For Oxygen reduction gas systems, the **Uber M-I** reliably measures at low levels.



## Specifications:

Detection Limit (LDL):	0.5 ppmV
Operating Range:	0-1000 ppmV
Accuracy:	±5% of reading or 0.4 ppmV, whichever is greater In Oxygen: ±10% of reading or 3 ppmV, whichever is greater
Cell type (P <sub>2</sub> O <sub>5</sub> )	APR, APO*, or APRH*
Gas Matrices Library:	Inert gases, Oxygen, Hydrogen and others, including gas mixtures. For other gases, please consult factory. *For Oxygen (mixtures) APO cell is required and Hydrogen (mixtures) APRH cell is required.
Inlet Pressure:	Uber M-I Mounting: 3-100 psig (0.2 – 6.9 barg). (Lower available) Uber RAK and Uber GO: 10-100 psig (0.7 – 6.9 barg)
Operating (Ambient) Conditions:	0°C to +60°C (32°F to +140°F), maximum 80% RH non-condensing
Flow Rate:	Cell: 100 sccm Bypass ~ 1000 sccm (total gas usage ~ 1.1 slpm)
Display unit options:	ppmV, or °C or °F dewpoint (factory set)
Gas Connections:	Inlet: 1/8" compression; Outlet: 1/8" compression; Bypass outlet 1/8" compression
Signal Output:	4-20 mA current sourcing or sinking, RS-232 communication (with MEECO software)
Alarms:	Two (2) user-adjustable moisture levels (with MEECO software)
Electrical:	24V DC loop-powered input
User Interface:	5-digit LCD display.
Weight:	1.1 lbs. (0.5 kg)
H x W x D:	Uber M-I Mounting: 5.10" H x 2.75" W x 2.28" D (12.95 cm H x 6.99 cm W x 5.79 cm D) Uber RAK: 7" x 8.16" x 15.48" (17.78 x 20.73 x 39.32 cm) from front panel to sample inlet port
Mounting:	UBER LAB - Benchtop model, UBER GO - Premier Pelican Case