

SUPERIOR MOISTURE ANALYZERS

WITH UNMATCHED PRICE/PERFORMANCE

Delta F trace and ultra-trace moisture analyzers (the Delta F 700 Series) use Tunable Diode Laser Absorption Spectroscopy (TDLAS) technology to measure moisture in gases. TDLAS has advantages over other techniques because the moisture sample only comes in contact with a few optical components that are made from very robust materials and offers unmatched sensitivity and low detection levels. It works according to the fundamental principle of Beer's Law; therefore the reading is stable over time and does not ever require calibration.

Using Lasers for Unmatched Accuracy and Reliability

Drift Free Operation

- Combination of self-correcting optics and the laser line locking onto the water peak removes all possibility of significant drift.

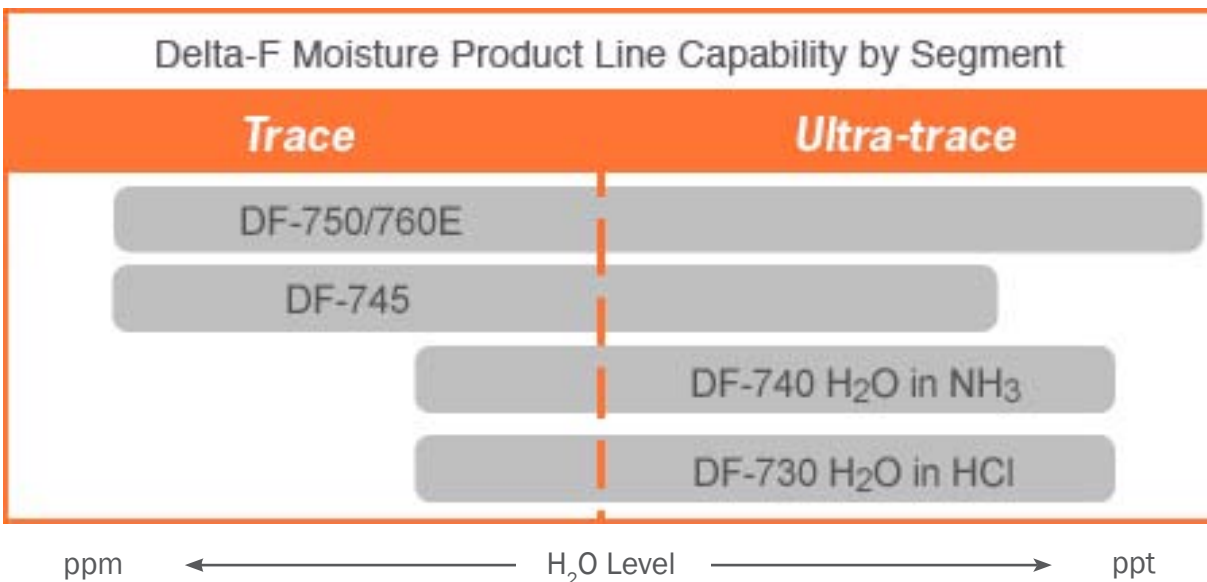
High Accuracy/ Low Maintenance

- Based on Beer's Law, the measurement requires no field span calibration.

Unparalleled Performance

- Spectroscopy allows sub-ppb level readings instantly! Other measurement techniques with solid surfaces require lengthy adsorption and desorption times.

Moisture Analyzer Selection Guide



ETA Associates

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The Delta F moisture analyzer product family includes:



DF-760 (Dual moisture & oxygen)

- H₂O LDL: 0.2 ppb;
- H₂O Range: 20 ppm;
- O₂ LDL: 0.07 ppb
- SOR*: 90% < 10 min



DF-740 (Moisture in NH₃)

- LDL: 10 ppb;
- Range 10 ppm
- SOR*: 90% < 15 min



DF-750

- LDL: 0.2 ppb;
- Range 20 ppm
- SOR*: 90% < 10 min



DF-730 (Moisture in HCl)

- LDL: 1 ppb;
- Range: 10 ppm
- SOR*: 90% < 15 min



DF-745

- LDL : 2ppb;
- Range: 20 ppm
- SOR*: 90% < 10 min

Moisture Product Options:

HSS1 - Hydrogen Safety System with Pump Purge

HSS2 - Hydrogen Safety System without a Pump Purge

ISO - Isolation package (DF-745 Only)

* Speed of Response

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