THE MOST ADVANCED, COMPACT TDL MOISTURE ANALYZER ON THE MARKET

THE BARRACUDA CONTAINS PATENTED DESIGNS & INNOVATIONS TO ENSURE THAT YOUR TDL MOISTURE MEASUREMENTS ARE ALWAYS ACCURATE & RELIABLE

**LIQUID ELIMINATOR CELL BLOCK™**

- All critical sample handling components, including the flow meter, metering valves, liquid-separation membrane and Herriott Cell, are integrated into a series of solid, compact blocks with machined, intersecting passages in place of long lengths of tubing and 'off-the-shelf' components.

**ADVANTAGE:** Design virtually eliminates all potential leak paths and significantly minimizes the volume and distance that the sample gas has to travel prior to entering the laser chamber.

**PERFORMANCE**

- The BARRACUDA utilizes the LIQUID ELIMINATOR CELL BLOCK™ - AMI's next generation of proven cell block technology.
- Users can connect the BARRACUDA to the COMMAND CENTER USER INTERFACE™ to access advanced functions not available on other competitive devices. Among these capabilities include:
  - **SMART REALIGNMENT™** for the signature H₂O peak and methane peak
  - Error Status Display to view any error(s) detected by the Analyzer
  - Datalogger for Moisture Readings with the ability to graph moisture readings over a 5-day period or export raw data for custom analysis. Each time-stamped recording also contains the average temperature of the Cell Block, average power supply voltage and minimum voltage supplied to the Analyzer - information that can be very helpful, especially during troubleshooting

**ADVANTAGE:** No manual process in the field is required, and no need to ship your Analyzer back to our facility

**SMART REALIGNMENT™**

*SMART REALIGNMENT™* allows users to realign the signature H₂O and methane (CH₄) peaks on the waveform through simple keystrokes on the COMMAND CENTER

**MEASURES TRACE MOISTURE FROM AS LOW AS 0.25 LBS (5.25 PPM) TO A HIGH OF 20.0 LBS (420 PPM) MMSCF**

*Smart Realignment™*
THE MOST ADVANCED, COMPACT TDL MOISTURE ANALYZER ON THE MARKET

THE BARRACUDA
MODEL 4010BR

VERSATILITY

THE BARRACUDA’S COMPACT DESIGN & MINIMAL POWER REQUIREMENTS ALLOW YOU TO OVERCOME UNIQUE CHALLENGES THAT YOU MAY FACE WHEN SETTING UP FOR MEASUREMENTS

SIZE

COMPARISON

with competitive unit

• The BARRACUDA is dramatically smaller

• Having the smallest overall dimensions in the industry of 14.0”W x 9.5”H x 5.0”D (35.6 cm x 24.1 cm x 12.7 cm), the BARRACUDA requires significantly less footprint and space requirements than any other unit on the market

ADVENTAGE: You have more freedom in deciding where to place the Analyzer, including the option to house the unit in a smaller shelter or Analyzer house

• Unit can fully operate with <250 mA @12VDC

ADVENTAGE: You can install it in a remote field location and supply it with enough power using only a solar panel and battery

Area Classification: CSA-approved for Class 1, Div. 1, Groups C & D, T3A

EASE OF USE

THE BARRACUDA’S INTUITIVE & LIGHT WEIGHT DESIGN MAKES THE UNIT INCREDIBLY EASY TO OPERATE & INSTALL

• The Front Panel Interface is based on the standard layout for all AMI gas analyzers and gives users access to the core functions of the BARRACUDA. With the touch of the buttons, users can adjust the moisture alarms and alarm hold-off, toggle back and forth between 2 available measurement units (lbs or ppm) for the moisture readings

ADVENTAGE: Existing customers that already use AMI’s oxygen analyzers or H2S analyzers can learn and confidently operate the BARRACUDA with minimum effort

• Weight of ~17 lbs

ADVENTAGE: The unit is the easiest TDL Moisture Analyzer for a work crew to install

• The version of the COMMAND CENTER available for the BARRACUDA is based on the same software platform across all AMI gas analyzers. Users will find the screen layout, logic and workflow almost identical

ADVENTAGE: This reduces the learning curve or removes it altogether

COST / VALUE

THE BARRACUDA DELIVERS UNMATCHED VALUE TO CUSTOMERS AND IS PERFECTLY PRICED

• The BARRACUDA provides a lower total cost of ownership over the life of the Analyzer. Having considerably less ‘off-the-shelf’ parts in the design prolongs the life of the unit

• Other competitive TDL Moisture Analyzers provide customers with less features but command a higher price point

• The Analyzer’s unique design and reliability reduces the need for maintenance. However, when a specific maintenance event is required, the operator can usually complete the task in the field, thereby, eliminating an expensive factory repair and extended downtime when compared to competitive units

• Adopting this unit for trace moisture measurements frees up budget to reallocate to other important projects