



Technology for Precision Measurements
www.phasedynamics.com

PHASE DYNAMICS, INC.
APPLICATION DATA SHEET
WATER CUT ANALYZERS

ISO 9001:2008
Registered Company

| | |
|-----------------------|----------------------|
| Date Requested: _____ | Date Required: _____ |
| Contact Name: _____ | Phone: _____ |
| Company: _____ | Fax: _____ |
| Address: _____ | E-Mail: _____ |
| _____ | Project: _____ |
| _____ | _____ |

FIELD CONDITIONS & CONNECTIONS:

| Critical Process Information | Unit of Measure | Min | Normal | Max |
|------------------------------|-----------------|-----|--------|-----|
| Temperature | | | | |
| Pressure | | | | |
| Flow Rate | | | | |
| Oil Density | | | | |

| Flange Rating | ANSI 150 | ANSI 300 | ANSI 600 | ANSI 900 | ANSI 1500 |
|--------------------|--------------------------|----------|-----------|-----------|-----------|
| Flange Type | RF | RTJ | Flat Face | Threaded | |
| Pipe Configuration | U | Z | L | Insertion | |
| Pipe Size | 1 Inch | 2 Inch | 3 Inch | 4 Inch | Insertion |
| Pipe Material | 316/316L Stainless Steel | | Duplex | Monel | Hastelloy |

MANDATORY INFORMATION NEEDED FOR FULL & HIGH RANGE

| Critical Process Information | Unit of Measure | Min | Normal | Max |
|------------------------------|-----------------|-----|--------|-----|
| Salinity | | | | |
| Water Cut Range | | | | |

Heuristic Salinity Required? Yes No

MANDATORY INFORMATION NEEDED FOR LOW & MID RANGE

| Critical Process Information | Unit of Measure | Min | Normal | Max |
|------------------------------|-----------------|-----|--------|-----|
| Water Cut Range | | | | |

ELECTRONIC AREA & POWER REQUIREMENTS

| | | | | | |
|--------------------------|-------------------|----------------------|--------------|------------------|-----|
| Electronics Housing | Explosion Proof | | Nema 4X | | |
| Flow Computer Capability | Enhanced | | Expanded | | |
| Electronics Display | 4-Line LCD | | Touchscreen | | |
| Power Requirements | 24 VDC | 120/230 VAC 50/60 Hz | | Enclosure Heater | |
| Cable Length | 30 feet | 50 feet | 100 feet | 150 feet | |
| Certification | None | FM | CSA | ATEX | PED |
| Protocol | RS-485 Modbus RTU | | HART 4-20 mA | | |

Describe Product Type (i.e. Crude, NGL, Condensate, Kerosene): _____

Brief Application Description (i.e. Test Separator, Truck Pit, Well Production): _____

Attach additional sheets to further describe the installation details.