



Technology for Precision Measurements  
www.phase-dynamics.com

# PHASE DYNAMICS, INC. APPLICATION DATA SHEET PPM WATER IN LIQUIDS



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	Expected Accuracy
Fluid Temperature					
Pressure					
Flow Rate					
Oil Density					
Water PPM by Weight					

### Equipment Description & Comments

Existing Metering Run?		
Existing Sample Ports?		
PLC or Flow Computer?		
Existing Flow Meter?		
Existing Static Mixer?		
Existing Densitometer?		
Type of Densitometer?		
Type of Density Signal?		

### ELECTRONIC AREA & POWER REQUIREMENTS

Electronics Housing	Explosion Proof				
Power Requirements	24 VDC	120/230 VAC 50/60 Hz	Enclosure Heater		
Certification	None	FM	CSA	ATEX	PED
Protocol	Analog 4-20 mA & RS-485 Modbus		HART 4-20 mA	Other	

**Describe Product Type (i.e. NGL, Condensate, Kerosene):** \_\_\_\_\_

**Brief Application Description (i.e. Pipeline, Offshore, Refinery):** \_\_\_\_\_

**Describe Laboratory Method Used for Water Determination:** \_\_\_\_\_

**Attach Drawing of Potential Installation and give any details potentially applicable to the requirements.**

**ATTACH ADDITIONAL SHEETS WHEN NECESSARY**