



# PhyMetrix Moisture Analyzer Application Worksheet

Fill out only what you believe is relevant to the specific measurement.  
 Completed Worksheet can be emailed to [sales@phymetrix.com](mailto:sales@phymetrix.com), or faxed to 631-627-3949. Our application engineers will evaluate your requirements and get back to you with a suggested system, quote and delivery schedule.

CUSTOMER	Name:		Date:
	Company:		Ref #:
	Address:		Phone:
			Email:
PROJECT END-USER	Company:		Number of Identical Measurement Locations:
	Project:	Tag #:	Due date:
	Description:		Purpose of inquiry: <input type="checkbox"/> Immediate purchase <input type="checkbox"/> Competitive bid <input type="checkbox"/> Startup <input type="checkbox"/> Feasibility <input type="checkbox"/> Budgetary

STREAM COMPOSITION <input type="checkbox"/> Liquid <input type="checkbox"/> Vapor	COMPONENT	Mol Wt.	Min.	Normal	Max.	Units
	H <sub>2</sub> O vapor phase	18				
	Sample Temperature					
	Sample Flow					
	Sample Pressure					
	Special Conditions: <input type="checkbox"/> Contamination <input type="checkbox"/> Particulates (specify size) <input type="checkbox"/> Polymerization <input type="checkbox"/> Decomposition <input type="checkbox"/> Other					
Known contaminants:						
Special Requirements:						
Periodic maintenance purging / flushing, media used						

Additional Information	
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INSTALLATION	Location: <input type="checkbox"/> Indoors <input type="checkbox"/> Outdoors <input type="checkbox"/> Offshore
	Mounting: <input type="checkbox"/> Portable <input type="checkbox"/> Bench-top <input type="checkbox"/> Vertical Surface <input type="checkbox"/> Panel cutout <input type="checkbox"/> 19"-Rack <input type="checkbox"/> Pipe mounting
	Environmental Requirements: <input type="checkbox"/> NEMA rating <input type="checkbox"/> IP rating
	Ambient Temperature Range:
	Power Supply: <input type="checkbox"/> 120VAC <input type="checkbox"/> 220VAC <input type="checkbox"/> 12VDC <input type="checkbox"/> 24VDC <input type="checkbox"/> Other
	Utilities Available at site: Electric, Instrument Air, N <sub>2</sub> , Cooling Water, Steam etc
	Area Classification: <input type="checkbox"/> Safe <input type="checkbox"/> Other <input type="checkbox"/> Hazardous: Class <u>    </u> Div <u>    </u> Group <u>    </u> or ATEX Zone <u>    </u> Group <u>    </u> T <u>    </u>
	Interface: <input type="checkbox"/> 4-20mA <input type="checkbox"/> 0-24mA <input type="checkbox"/> RS-485 <input type="checkbox"/> RS-232 <input type="checkbox"/> USB <input type="checkbox"/> Other
	Alarm Relays: Qty: <u>    </u> Contact Rating: <u>    </u> Purpose: <u>    </u>
	Remote Display:
	Required Approval Agencies: <input type="checkbox"/> UL <input type="checkbox"/> FM <input type="checkbox"/> CSA <input type="checkbox"/> ATEX
Special Requirements:	

SAMPLING DETAILS	<input type="checkbox"/> In-situ	Port size: <input type="checkbox"/> 1/2" NPT <input type="checkbox"/> 3/4" NPT <input type="checkbox"/> 1" NPT <input type="checkbox"/> Other
	<input type="checkbox"/> Extractive Measurement	Distance from Sample tap to Analyzer Sampling System (close as possible)
		<input type="checkbox"/> Sample Extraction probe required:
		<input type="checkbox"/> Sample Must be Returned @ Pressure: <input type="checkbox"/> Process <input type="checkbox"/> Flare
		<input type="checkbox"/> Sample can be exhausted to atmosphere:
		Other requirements: filtration, pressure regulation, pressure or flow measurement, sample verification ports etc...
<input type="checkbox"/> Periodic calibration/verification from a NIST traceable gas bottle programmable automation included in the analyzer/sampling system		

MEASUREMENT DETAILS	Purpose of measurement: <input type="checkbox"/> Process or Quality Control <input type="checkbox"/> Custody Transfer <input type="checkbox"/> Alarm <input type="checkbox"/> Other
	Current Status: how is this measurement being performed?
	Required Accuracy:
	Required Response time:
	Required Certificates: <input type="checkbox"/> NIST <input type="checkbox"/> Other <u>    </u> Re-certification period <u>    </u>
	Onsite available reference standards for moisture measurement:

How did you find out about PhyMetrix? \_\_\_\_\_