ACES

Analytically Correct Engineered Systems

Application Worksheet

A completed application worksheet is necessary to help select the appropriate system for your specific application.

Company: _____ **Contact:** _____

Project/RFQ#: _____ **Phone:** _____ **Email:** _____

Probe Selection

*See page 2 as needed for Dimensional Illustration & Probe Length Requirement assistance.

FILL OUT COORDINATING INFORMATION IN COLUMN OF CONNECTION STYLE CHOSEN	☐ **Type I*** NPT for FNPT Connection		☐ **Type II*** NPT Threaded for Full Bore Ball Valve Install		☐ **Type II Flange*** NPT Probe Threaded Into Adaptor Flange	
Probe Model	GP2 or GPR		702, 750 or 755			
Estimated Probe Length	☐ 4″	☐ 7″	_____ inches/mm (include 2.5″ Mounting Fitting) Note: If using > 48″ probe/model 702, add 8.5″			
Connection Size	☐ 3/4″NPT	☐ 1″NPT	☐ 3/4″NPT	☐ 1″NPT	☐ 3/4″NPT	☐ 1″NPT
Flange Size	n/a		n/a		_____	
Flange Rating	n/a		n/a		_____	
Flange Face	n/a		n/a		_____	

Regulator & Electrical Selection

Regulator Type	☐ NONE	☐ Probe Regulator	☐ GHR (single stage)	☐ JTR-H (4-stage)	
Regulator Outlet Pressure	☐ 0-25 psig (0 - 1.7 barg)	☐ 0-50 psig (0 - 3.4 barg)	☐ 0-100 psig (0 - 6.9 barg)	☐ 0-250 psig (0 - 17.2 barg)	☐ 0-500 psig (0 - 34.5 barg)
Area Classification	☐ CSA (Class 1, Div 1, Groups C&D)		☐ ATEX (Zone 1, II 2 GD Ex d IIC)		
CSA Connection Style	☐ 1/2″ NPT	☐ CGB Fitting	n/a		
Power Requirement	☐ 24 VDC	☐ 110–220 VAC	**Notes:** _____		

Special Requirements

Please note particulates present, intermittent flow, space constraints, materials of construction, etc. in the space provided below.

Seal Materials	☐ Default (Per individual components)	☐ Fluoroelastomer	☐ Perfluoroelastomer	☐ RGD resistant HNBR	☐ **Other:** _____
Coating	☐ Dursan®	☐ None	☐ **Other:** _____		
Additional Notes					

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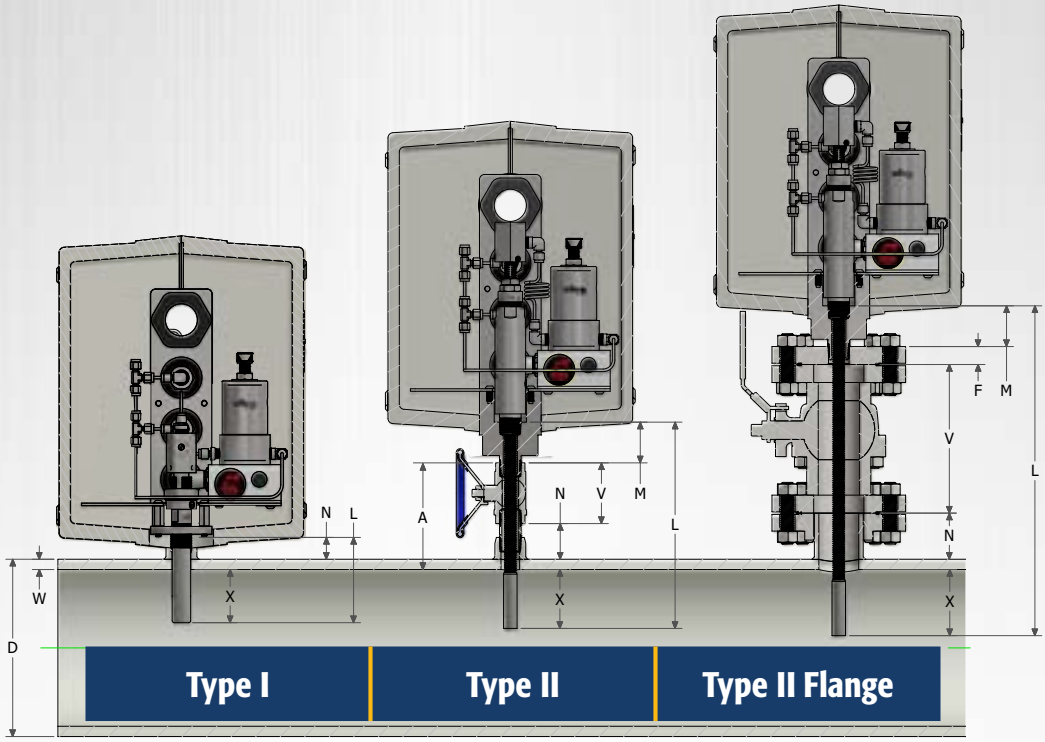
Sample & Pipe Information	SUBMIT A SAMPLE COMPOSITION WITH COMPLETE WORKSHEET.				
Temperature	_____ °F / °C	**Pressure**	_____ psig / barg	**Pipe Diameter**	_____ inches/mm
Presumed Sample Phase (Gas or 2-Phase, consult the factory)			☐ Gas	☐ Liquid	☐ 2-Phase



Probe Length Calculation Tool	*Use guide above for Dimensional Illustration assistance.	
Dimension*	**Description**	**Value**
A	Pipe Wall Thickness **+** Nozzle (Nipple) Length **+** Valve Length	_____ inches/mm
M	****Mounting Fitting:** Type I = **0** or Type II & II Flange = **2.5"** (63 mm)	_____ inches/mm
F	Types I & II = **0** or Type II flange = **Flange Thickness**	_____ inches/mm
X	Insertion Depth (Probe Length minus A,M,F = X)	_____ inches/mm
L	Estimated Probe Length (Rounded Up)	_____ inches/mm

**Mounting Fitting Note: If using Model 702, add 6.5"

Contact us if you need help filling out this application worksheet.

A+ Corporation

Analytically Correct™ sample systems, sample conditioning components, and revolutionary gas and liquid sampling technology.

Contact us for expert product application assistance.
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MADE IN USA

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