



# PROBE CALCULATION WORKSHEET

Please complete all fields. Probe calculations will not be completed until all the requested information is provided.

Welker Quote No.: \_\_\_\_\_ Welker Sales Representative: \_\_\_\_\_  
Company: \_\_\_\_\_ Project Name: \_\_\_\_\_  
Contact: \_\_\_\_\_ Project Site/Location: \_\_\_\_\_  
Contact Email: \_\_\_\_\_ Contact Phone: \_\_\_\_\_  
Date: \_\_\_\_\_ Worksheet Prepared By: \_\_\_\_\_

## Pipeline Information

Pipeline Size: \_\_\_\_\_ ☐ in ☐ mm Pipeline Inner Diameter: \_\_\_\_\_ ☐ in ☐ mm  
Pipe Schedule: \_\_\_\_\_ ☐ in ☐ mm Type of Product(s): ☐ Gas ☐ Liquid

## Process Conditions

Velocity\*: \_\_\_\_\_ ☐ m/s ☐ ft/s Density\*: \_\_\_\_\_ ☐ kg/m<sup>3</sup> ☐ lb/ft<sup>3</sup>

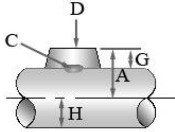
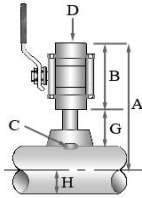
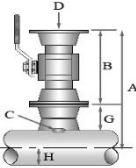
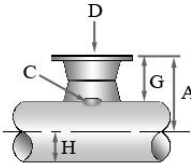
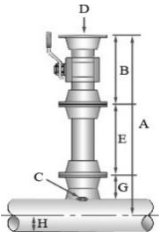
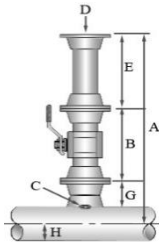
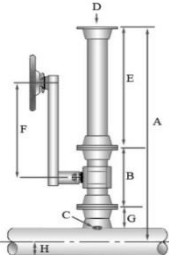
\*If Velocity and/or Density is Unknown, Provide the Information Below:

Temperature: \_\_\_\_\_ ☐ °F ☐ °C Specific Gravity or Molecular Weight: \_\_\_\_\_ ☐ g/mol  
Pressure: \_\_\_\_\_ ☐ psig ☐ barg Mass Flow Rate: \_\_\_\_\_ ☐ lb/hr ☐ kg/hr  
\_\_\_\_\_ ☐ MMSCFD ☐ ft<sup>3</sup>/s

Special Notes:

## Probe Connection Options\*

\* Select one of the following probe connection options (1-7) and provide the appropriate dimensional data below.

<input type="checkbox"/> 1 	<input type="checkbox"/> 2 
<input type="checkbox"/> 3 	<input type="checkbox"/> 4 
<input type="checkbox"/> 5 	<input type="checkbox"/> 6 
<input type="checkbox"/> 7 	

Probe Connection Options	
Legend	Dimensional Data
A. From Center of Pipe to Top of Connection	inches
B. Face-to-Face Dimension of Valve	inches
C. Minimum Hole Diameter	inches
D. Connection Size and Style	inches <input type="checkbox"/> ANSI <input type="checkbox"/> NPT
E. Length of Spool Piece	inches
F. Length of Extension Arm	inches
G. Riser Dimension from Top of Pipe	inches
H. Half of I.D. Pipeline Dimension	inches