



The Welker AIP probe is designed to be used with a pipeline isolation valve so that the unit can be safely inserted and retracted without interrupting the flow or operation of the pressurized pipeline.

FEATURES

- Insert and retract at full pipeline pressure
- Easily adjustable to multiple insertion depths
- Flat, beveled, and scooped probe tips available

BENEFITS

- Proven safety with AI Control™ provides peace of mind
- Probe retraction design allows maintenance to be performed during continuous pipeline operation
- Design allows for easy installation and operation
- Transferable from location to location

SPECIFICATIONS

AIP Automatic Insertion Probe



AIP	
Application	Injection, Sampling, and Siphoning
Materials of Construction	316/316L Stainless Steel, PTFE, FKM
Maximum Allowable Operating Pressure	Class 150: 275 psig @ -20 °F to 100 °F (18 barg @ -28 °C to 37 °C)
	Class 300: 720 psig @ -20 °F to 100 °F (49 barg @ -28 °C to 37 °C)
	Class 600: 1400psig @ -20 °F to 100 °F (96 barg @ -28 °C to 37 °C)
	Class 900: 2160 psig @ -20 °F to 100 °F (148 barg @ -28 °C to 37 °C)
	NPT:2160 psig @ -20 °F to 100 °F (148 barg @ -28 °C to 37 °C)
Pipeline Connection	NPT
	¾" MNPT
	1" MNPT (Standard)
	1½" MNPT
	2 MNPT
	Flanged
	Size: ½", ¾", 1", 1½", 2, 3
	Rating: Class 150, Class 300, Class 600, Class 900
Sample Outlet Connection	¼" FNPT
Insertion Length	0-18" (0-45 cm)
	0-24" (0-60 cm)
	0-30" (0-76 cm)
	0-36" (0-91 cm)
Insertion Diameter	¼"
	⅜"
	½"
	⅝"
	¾"
	1"
	1½"
Mounting	Adjustable (Vertical to Horizontal), Horizontal, Vertical (Standard)
Feature	Hydraulic Oil Reservoir
Options	Electropolished and Sulfinit®-treated Sample Exposed Parts, No Hydraulic Oil Reservoir, Probe Tip, Spool, Volume Eliminator, NACE Compliance