

IRA-4SS Automatic Insertion Probe Regulator



REGULATE



SAMPLE



CONDITION



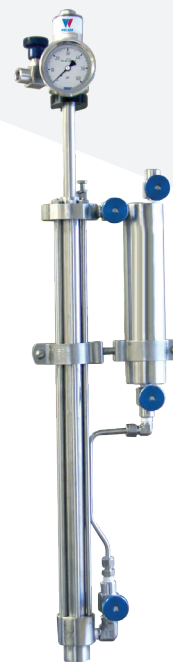
The Welker Original IRA-4SS Automatic Insertion Probe Regulator delivers a continuous supply of representative samples to an analyzer at the appropriate pressure for real-time natural gas analysis of high-volume lines.

FEATURES

- Welker AI Control™
- Adjustable insertion length
- Pressure-regulating probe tip with thermal fins
- Low internal volume
- Diaphragm regulator
- Welker Spring Range Kit (optional)

BENEFITS

- Safely insert and retract the probe under full pipeline pressure
- Retractable shaft allows for pipeline pigging and inspection or equipment maintenance without costly shutdowns
- Collect representative samples from the center one-third of the pipeline
- Regulation point in the pipeline
- Mitigate the Joule-Thomson effect and prevent sample condensation
- Reduced lag time
- Real-time sample analysis
- Precise pressure control protects sensitive analytical devices
- Easily swap springs to change the pressure control range for a new application or downstream device (optional)



SPECIFICATIONS

IRA-4SS Automatic Insertion Probe Regulator

IRA-4SS	
Materials of Construction	316/316L Stainless Steel
Operating Pressure	2160 psig MAOP @ -20 °F to 120 °F
Seat Material	Teflon®
Seal Material	Viton®
Pipeline Connection	¾" MNPT
Outlet Connection	¼" FNPT
Output Range	0–25 psig 0–50 psig 20–100 psig
Insertion Length Options	0–12" 0–18"
Mounting	Vertical
Probe Diameter	⅝" Shaft
Options	Insulation Blanket Probe Tip NACE Compliance
Industry Standards	API 14.1, GPA 2166, ISO 10715

Weight and/or dimensions are approximate.
Specifications subject to change without notice.

