

## Meridian™ MAP 2000 Flow Control System

To deliver the industry's most advanced wellhead control system for sour and low-temperature operations, Meridian introduces the MAP 2000 Flow Control System. The MAP 2000 is a combination of two state-of-the-art technologies: a precise in-line control choke valve and an extremely sensitive, ultra low-bleed smart electro-pneumatic positioner.

### Advanced Wellhead Flow Control

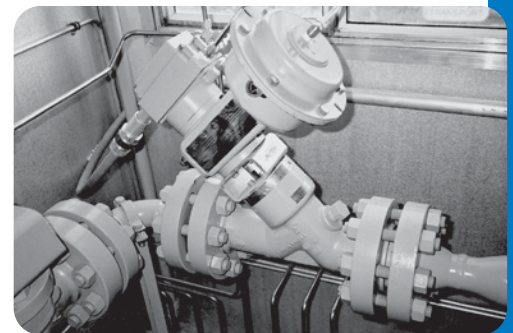
- Precise control from initial high-pressure letdown to second phase lower-pressure production by an economical and quick (20 minute) field trim replacement
- Freeze resistant design, with four-stage letdown, reduces hydrate buildup to maintain high capacity flow. This innovative design can also reduce or even eliminate line heater requirements

### Advanced Performance

- Direct 4 to 20mA control signal from the RTU is converted into a high resolution proportional flow and pressure control
- Large Cv from a compact package reduces weight and volume by up to 1/3 of alternative systems
- Available up to ANSI 2500 connections
- Class V or better shutoff for backup ESD requirements
- 100% green electric control option

### Measurable Cost Savings

- Up to 97% less fuel gas usage, saving approximately 400 mcf per year (160 Metric Tonnes CO<sub>2</sub>e) when compared to alternative systems
- Lower initial cost than alternative systems
- Trim costs as low as 80% less than competing systems



*Typical compact installation.*

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