



ADVANTAGES

- 10 second change
- No need to mask up
- No down-time
- SCADA capabilities
- Simple design – only 6 main components
- Bolts into existing meter run applications

SPECIFICATIONS

Standard Sizes	Up to 8" (contact Sur-Flo for larger sizes)
Pressure Rating	150 –1500 ANSI
Process/Ambient Temperature Range	-50° C – 149° C
Pipe Materials	A106 / 316SS
Flange Materials	A105N / 316SS
Orifice Plate Material	316SS
Seal Material	HSN
Flow Conditioner Material	316SS
Accuracy	Built to AGA 2000 specifications
NACE Specification (when requested)	MR0175

SCADA AUTOMATED ROTO-BOSS

Motor Rating	12V DC, ¼ HP
Supply Pressure	30 psi
Plate Change Torque	3600+ in/lbs.
Rotation	Bidirectional operation
Motor & Gearing	Cast & keyed
Motor Lubricant	Serviceable synthetic hydrocarbon
Motor Output	1750 rpm
Gear Reduction	1:140
1st Stage System Output	12.5 rpm
2nd Stage System Output	3.0 rpm
Plate Change Time	Under 30 seconds
Position Latency	100 milliseconds
Locking Pin Latency	100 milliseconds
Weight	Approximately 116 lbs.
Propulsion	Pulley & chain drive
Area Rating	Class 1, Division 1 Group D Class II Group F, G Class I Zone I GP IIA