



AMS-100 Membrane Separator

Body Material	304 Stainless Steel
Inlet Max Pressure	1500 PSIG
Gas Connection (Inlet)	1/2" Female NPT
Gas Connection (Outlet)	1/4" Female NPT
Flow Rate	0.5 – 5 SCFH



AMS-100R Includes Pressure Regulator

Body Material	304 Stainless Steel
Inlet Max Pressure	1500 PSIG
Gas Connection (Inlet)	1/2" Female NPT
Gas Connection (Outlet)	1/4" Female NPT
Flow Rate	0.5 – 5 SCFH
Max Outlet Pressure After Regulator	0 – 25 PSIG



AMS-100RL Includes Pressure Regulator and Drain Valve

Body Material	304 Stainless Steel
Inlet Max Pressure	1500 PSIG
Gas Connection (Inlet)	1/2" Female NPT
Gas Connection (Outlet)	1/4" Female NPT
Flow Rate	0.5 – 5 SCFH
Max Outlet Pressure After Regulator	0 – 25 PSIG
Drain Valve Connection	1/4" Compression Tube Fitting



AMS-100RLBG Includes Pressure Gauge

Body Material	304 Stainless Steel
Inlet Max Pressure	1500 PSIG
Gas Connection (Inlet)	1/2" Female NPT
Gas Connection (Outlet)	1/4" Compression Tube Fitting
Flow Rate	0.5 – 5 SCFH
Drain Valve Connection	1/4" Compression Tube Fitting
Max Outlet Pressure After Regulator	0 – 25 PSIG
Pressure Range	0 – 30 PSI / 0 – 200 kPa



Mounts Directly to Pipeline

Effectively Filters Liquids

Easily Field-Serviceable

Conditions Sample Gas

Protects Sensor and Analyzer

Configurations

Southland Sensing's Advanced Membrane Separator and Condenser (CND-225) is designed specifically for the natural gas industry and can be mounted directly to a pipeline.

The Advanced Membrane Separator (AMS-100) provides further protection for the sensor with a gas-permeable membrane that filters any liquids and protects the analyzer from liquid slugs.

- **AMS-100** Membrane Separator
- **AMS-100R:** Includes Pressure Regulator
- **AMS-100RL:** Includes Pressure Regulator and Liquid Drain Valve
- **AMS-100RLBG:** Includes Pressure Regulator, Liquid Bypass Valve, and Gauge
- **AMS-PK1:** Membrane Replacement Kit includes O-ring and hydrophobic membrane.
- **AMS-PK2:** Full Rebuild Kit includes O-ring, hydrophobic membrane, and perforated metal diaphragm.