

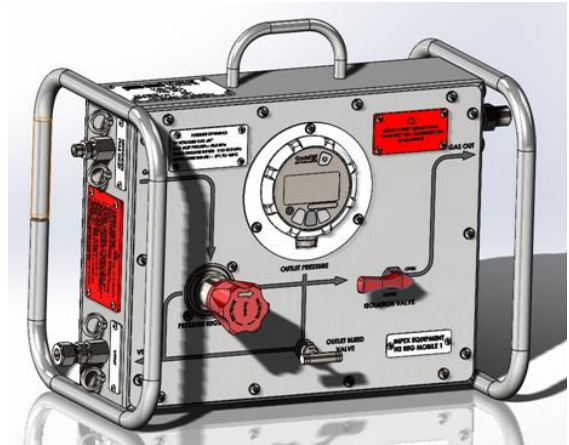
DATA SHEET – 316SS ATEX

HP NITROGEN REGULATOR MOBILE UNIT

Overview

Pressure Dynamics' hazardous zone rated HP Nitrogen Regulator Mobile Unit is safe, robust, compact, reliable, easy-to-carry and simple to use.

This Mobile Unit is compatible at high pressures of up to 400 Bar and offers exceptionally high performance with resistance to corrosion

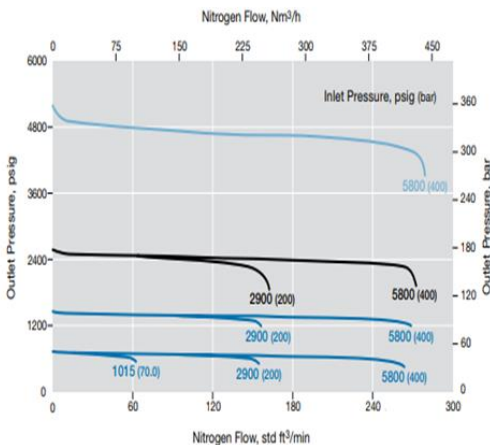


Build Specification

Pressure Regulator	Fine control Pressure Regulator, piston sensing, self-venting, 316SS
Max Inlet Pressure	400 Bar (5800PSI)
Outlet Pressure Range	0-350 Bar (5100PSI)
Pressure Indication	1x Digital Outlet Gauge
Gross Weight	20kg
Dimensions	H: 406mm W: 507mm D: 303mm
Temperature Range	-29°C to +80°C
Inlet Connection	1/4" BSPP MALE
Vent Connection	1/2" GYROLOK
Outlet Connection	1/2" BSPP MALE

Equipment Details

Construction Material	316 Stainless steel - frame, fasteners, dust caps/tethers, warning labels, hose restraint attachments.
Tubing	316SS tubing/fittings
Hoses	Standard kit c/w thermoplastic 10m inlet, 15m outlet and 5m vent hoses, 316SS trim, caps and tethers. Custom lengths available
Control Panel	Ease of access to main controls and pressure gauges 316SS panel
Isolation & Bleed	Isolation ball valve & severe service vent needle valve.
Storage Protection	Supplied with Pelican© wheeled storage case with foam



ABOUT PRESSURE DYNAMICS

Pressure Dynamics is an engineering and services contractor specialising in hydraulic and lifting solutions.

Our team of highly skilled project managers, engineers and technicians are committed to collaborating with our clients in providing innovative, quality-assured services and products that deliver superior function, reliability and safety.

When we deliver, we focus on:



RELIABILITY

Optimising equipment and system performance - to maximise your ROI.



PRODUCTIVITY

Maximising operational reliability of assets and equipment safely and cost-effectively.



INNOVATIVE SOLUTIONS

Developing creative, fit-for-purpose solutions to meet our client's true needs and objectives.



RISK MANAGEMENT

Delivering and maintaining quality, cost-effective and safe equipment and assets while mitigating risk.



MUTUAL SUSTAINABILITY

Delivering skill, knowledge and understanding through our documentation, user-intuitive products and training services.

Market sectors we operate in:



Oil & Gas



Mining



Marine



Defence



Infrastructure



Power & Utilities

Our location network



Abu Dhabi, UAE
Ghana, W Africa

