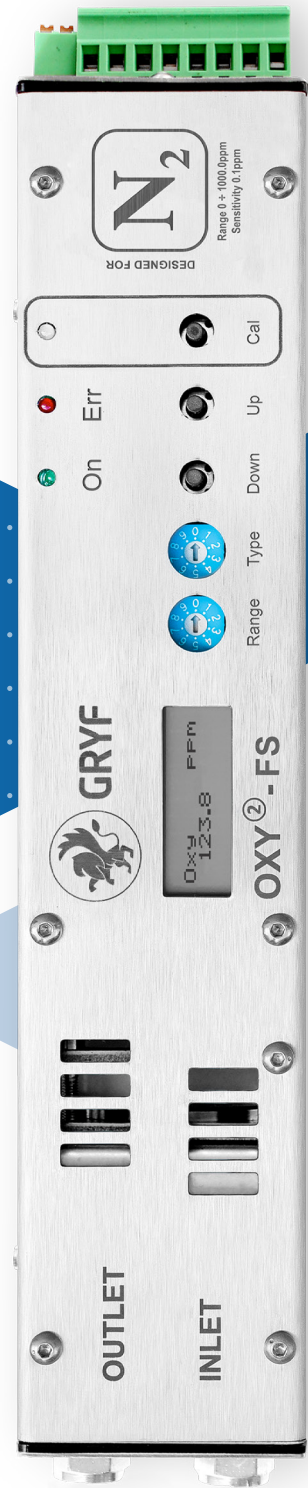


OXY² FS

FUEL CELL
NITROGEN
ANALYZER



ULTIMATE PRECISION

Designed for the most demanding, 99,9999% Nitrogen applications. OXY2-FS proudly took the scepter over its predecessor, OXY-FS, which had been ruling the world market with ultra-precise analyzers since 2015. OXY2-FS is at home wherever there is no space for compromise.



GRYF
Manufacturer of Electronic
Measuring Instruments

Development and production of professional electronic equipment since 1990.

HIGHEST ENGINEERING STANDARDS IN BLOODLINE

In GRYF, we rather rely on design-driven failover mechanics, than on additional electronic compensations. Embedded solenoid valves, capillary flow control, premium materials and craftsmanship defining the entire product line are considered as a base of standard for the OXY2-FS analyzer.



Q/C MANAGEMENT

One by one, every single analyzer is exposed to a series of both machine and manual tests, involving critical eclectic and pressure overload, vibration tests, and a week-lasting examination for reading stability. We don't consider our analyzers to be just devices, which leave our production line in boxes. We understand them as ambassadors to represent our brand.

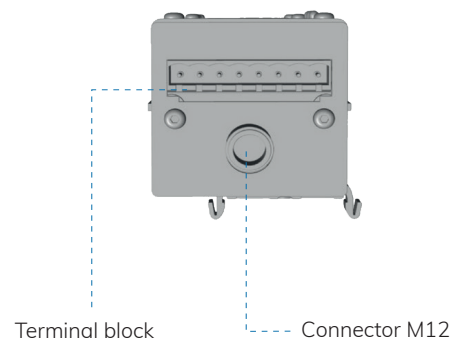
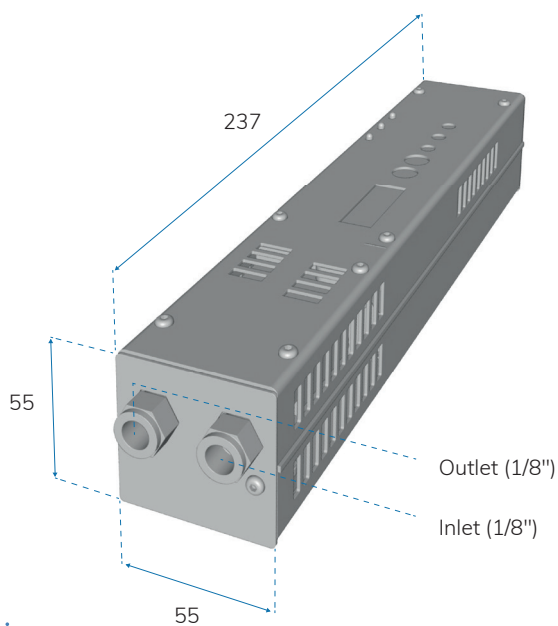
INNOVATION AS A TRIBUTE TO LEGACY TO LEGACY

You no longer need to disengage the analyzer to run its diagnostics. Thanks to the dual connectivity of the OXY2-line, you can use the GDM (Gryf Device Management) interface to service your analyzer by a PC or Android device. Onboard calibration with the use of custom calibration gas is ofcourseity - using the embedded display and controls.



BASIC TECHNICAL PARAMETERS

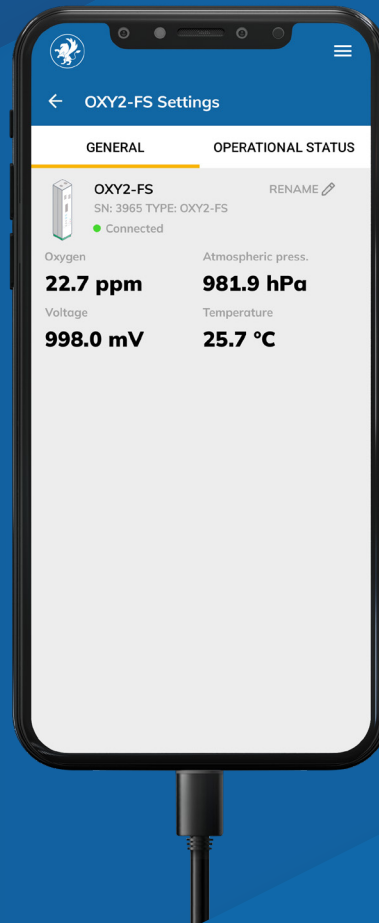
Supply voltage	24 V/DC \pm 10%
Supply current	60 mA
Output signal	4 \div 20 mA
Data communication	Modbus RTU (RS485)
Oxygen concentration range	0 \div 1000.0ppm
Sensitivity (resolution)	0.1ppm
Resolution of current output	1ppm (output 0 \div 1000ppm) 0.1ppm (output 0 \div 100ppm)
Accuracy	\pm 1% from value, \pm 0.2ppm
Signal stabilization	30 sec.
Signal NO FAULT	24 V, max. 100 mA
Measured gas flow	0.2 \div 0.3 l / min
Inlet gauge pressure	1 Barg \pm 0.1 Bar
Maximum allowable gauge pressure – PS	2 Barg
Operating temperature	0 $^{\circ}$ C \div 50 $^{\circ}$ C [32 $^{\circ}$ F \div 122 $^{\circ}$ F]
Dimensions	237 x 55 x 55 mm
Sensor Lifetime	15 \div 21 months at concentrations <1000ppm





GRYF

Manufacturer of Electronic
Measuring Instruments



GDM COMPLIANT

Use the Gryf Device Management Interface and your mobile phone for measurement, diagnostics, and service of your OXY2-FS analyzer.

ABOUT US

We are a modern Czech technological company with experience of development and manufacturing professional measuring equipment since 1990. Our equipment enhances the efficiency, user-friendliness and reliability of industrial operations in a variety of applications.

CONTACT

+420 569 425 024
info@gryf.cz
www.gryf.eu

ADDRESS

GRYF HB, spol. s.r.o.
Čechova 314
580 01 Havlíčkův Brod