GB 15k

3 Channels GAS Mixer

Each Channel: 0 – 15000 mL/min
Total Mixture Flow Rate: Up to 45 L/min
Accuracy: 2.0%
Repeatability: 0,20% of reading
Response time: 1 s
Software bundle.

For HIGH Flows
Create Dynamic GAS Mixtures

HIGH FLEXIBILITY - From static to dynamic GAS Mixtures

Pre-mixed Gas Cylinders are notoriously expensive and limiting. By using the MCQ Gas Mixers it is possible to create dynamic gas mixtures at any time, letting you free to set your flow rates, concentrations and blending on-demand from different sources of Gas.
GB15k provides a level of flexibility that gas cylinders simply cannot.

Accurate. Compact. Reliable.

"Gas Blender 15K is an innovative all - in - one replacement for traditional mass flow controllers multi - channel solutions. Our device allows up to 3 channels gas mixing processes, all in a single box ready for a rack mount.
All parameters could be controlled by the Resistive Touch Panel specifically designed for industrial applications."

Specifications.

Accuracy: (for each channel)	N2, 20 °C, 101.325 kPa (1 atm): 0,1-100% / FS: 1% of setpoint
Repeatability:	0,20% of reading
Response time: (for each channel)	1000 ms
Power Supply:	In Bundle
Operation Pressure:	Max 5 bar
Working Temperature:	0-50 °C
Mass Flow Rates: (for each channel)	0 – 15000 mL/min (standard)
Total Mixture Flow Rate:	Up to 45 L/min
Gases:	N2, O2, CO2, CH4, Air, He, H2 (additional gases supported on request)
Compatibility:	Profibus, Modbus, Simulink, Python
Communication:	RS485 with open proprietary protocol
Fittings:	Depends from the applications.
Inlet Gas Channel:	3 Inputs
Outlet Gas Channel:	1 Output of mixed gases
User Interface:	Resistive Touch Display.
Certifications:	CE, Made in Italy
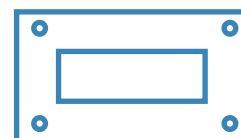
Industrial Rack.
Industrial rack mount box ready.
Easy assembly routine and integration for any industrial application.

Touch Screen
The Resistive Touch Display allows you to control the parameters via the screen with latex or work gloves.
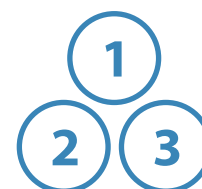
3 Channels.
You can customize the number of channels you will need for your solutions.

PROFIBUS

Modbus

MATLAB SIMULINK

python 3.7

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