

# 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: 3 s  
Software bundle.



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## For HIGH Flows

Create Dynamic GAS Mixtures



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## 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.

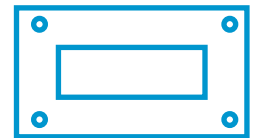
# Accurate. Compact. Reliable.

*“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.

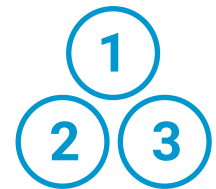
<b>Accuracy:</b> (for each channel)	N2, 20 °C, 101.325 kPa (1 atm): 0,1-100% FS: 2% of FS
<b>Repeatability:</b>	0,20% of reading
<b>Response time:</b> (for each channel)	>3% FS: 3000 ms
<b>Power Supply:</b>	In Bundle
<b>Operation Pressure:</b>	Max 5 bar
<b>Working Temperature:</b>	0-50 °C
<b>Mass Flow Rates:</b> (for each channel)	0 – 15000 mL/min (standard)
<b>Total Mixture Flow Rate:</b>	Up to 45 L/min
<b>Gases:</b>	N2, O2, CO2, CH4, Air, He, H2 (additional gases supported on request)
<b>Compatibility:</b>	Profibus, Modbus, Simulink, Python
<b>Communication:</b>	RS485 with open proprietary protocol
<b>Fittings:</b>	Depends from the applications.
<b>Inlet Gas Channel:</b>	3 Inputs
<b>Outlet Gas Channel:</b>	1 Output of mixed gases
<b>User Interface:</b>	Resistive Touch Display.
<b>Certifications:</b>	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.

