

# MB-RGG MOVABLE REGENERATION GAS GENERATOR



## PRODUCT INFO

- Independent Gas Supply**  
 Stand-alone device for regeneration gas
- Seamless Retrofitting**  
 Compatible with EASYlabs, LABstars, UNIlabs & LABmasters
- Flexible Mixtures**  
 Produces equivalent to Ar/H<sub>2</sub> or N<sub>2</sub>/H<sub>2</sub> (95%/5%)
- Efficient & Cost-Effective**  
 Reduces dependency on pre-mixed gas cylinders
- Process Control**  
 Ensures consistent and reliable regeneration gas availability
- Automated Operation**  
 24V connection enables automatic start/stop based on glovebox requirements
- Safe operation**  
 Regeneration gas is only produced when needed (no storage).



## REGENERATION GAS – INPUT

<b>Water</b>	Deionized water, ASTM II - <0.1 µS Built-in reservoir: 1 Liter
<b>Gas</b>	N <sub>2</sub> or Ar - 6 bar - Quality 4.8
<b>Electrical connection</b>	230 V 1ph, max. 1000 Watt
<b>Interface to glovebox gas purifier</b>	24 V request signal from the gas purifier

## REGENERATION GAS – OUTPUT

<b>Regeneration gas mixture</b>	Equivalent to Ar / H <sub>2</sub> (95%/5%) or N <sub>2</sub> / H <sub>2</sub> (95%/5%)
<b>Volume flow and pressure</b>	35 l/min regeneration gas mixture, 0.5 bar

## DIMENSION

<b>Size</b>	650 mm x 430 mm x 1020 mm (L x W x H)
<b>Weight</b>	80 kg
<b>Movability</b>	Built on castors

## BENEFITS

- Enhanced safety with reduced operational risk
- Lower operating and administrative costs
- Mobile solution – Connectable to new or existing gloveboxes
- Independent from external gas supply
- Connection kit for your new or existing system

## ON-SITE HYDROGEN GENERATION SAFE, SMART AND ON DEMAND

Generate hydrogen exactly when and where you need it - directly at your glovebox. The gas is produced locally and consumed immediately, eliminating storage risks and cylinder logistics. With our Quick Connection options, the generator integrates effortlessly into new or existing gloveboxes and starts automatically during regeneration.

Enjoy a cost-effective, low-maintenance and safe solution – with hydrogen levels always below explosive limits and optimized gas flow for maximum efficiency.



\*Please contact MBRAUN to adapt the unit to your needs.