

MB-200-N-I

MODULE FOR N₂ REMOVAL IN COMBINATION WITH MB-200-G



- Module in combination with a MB-200-G
- One reactor column for N₂
- Optimum performance for attached enclosure volumes up to 5 m³

MB-200-N-I



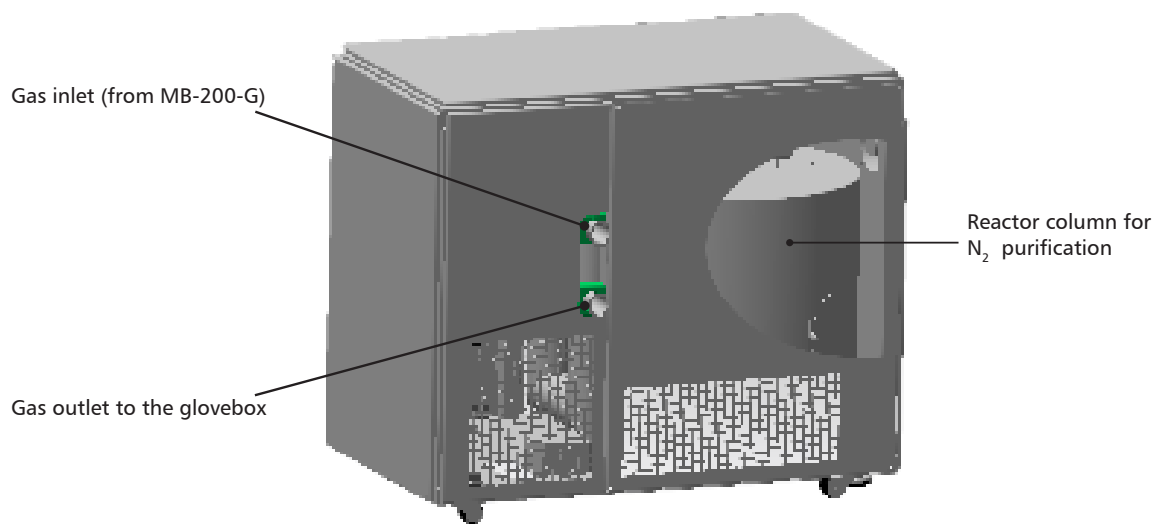
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DESCRIPTION

The gas purifier module MB-200-N-I removes N₂ from Argon coming from the glovebox through a MB-200-G.

One reactor column purifies N₂ thanks to high temperature Titanium reactor. The temperature control is integrated in the Siemens-PLC from the combined MB-200-G, which manages every function of the gas purifier unit.



TECHNICAL DATA

Operation principle	Closed loop recirculation in combination with a MB-200-G
Attainable purity level	< 1 ppm N ₂ in Ar
Recommended enclosure volume	Up to 5 m ³
Number of purification lines per purifier	1
Number of reactor columns per line	1
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Reactor column material	High temperature stainless steel
Reactor column loading	Titanium
Temperature control	Integrated PLC control from combined MB-200-G
Security system	Bypass-system using electro-pneumatic valves
Leak rate	10E-6 mbar l/s for purifier units and components
Regeneration	Not regenerable
Control unit	Siemens PLC from combined MB-200-G
Display	7" color touch panel from combined MB-200-G
Main and side piping	Stainless Steel 1.4301 (SUS 304)
Main and control valves	Electro-pneumatic
Electrical (FLA) (without options)	3L/N/PE, 400V, 50 Hz, 20A
Cooling water	2 bar (5 l/min)
Size	1040 x 600 x 907 mm (LxWxH)
Weight	173 kg

Technical note: Dependent upon operating conditions.

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