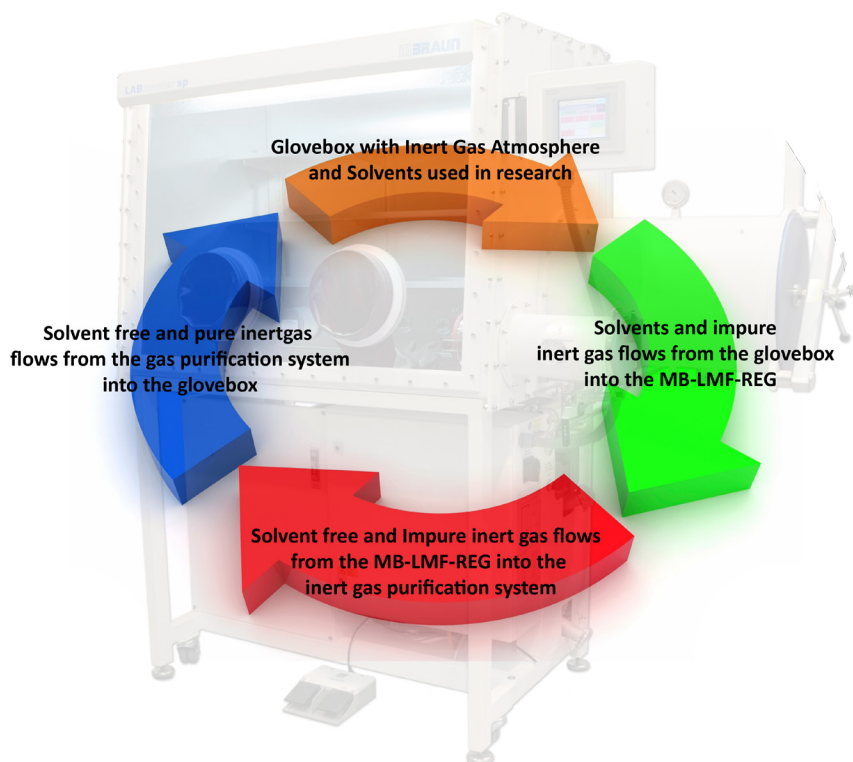


# MB-LMF-REG

REGENERABLE SOLVENT VAPOR REMOVAL UNIT



- Safely removes solvent vapor using regenerable molecular sieve
- Avoids regular loading material exchange (like for activated charcoal solvent vapor removal unit)
- Ideal when glovebox is installed in a clean room
- Stand alone and glovebox integrated models available
- Operation controlled via system's touch panel
- Regenerates with glove box working gas (no forming gas required)
- Includes bypass valves for continuous working gas flow

# MB-LMF-REG

## REGENERABLE SOLVENT VAPOR REMOVAL UNIT



Clean. Engineering. Expertise.

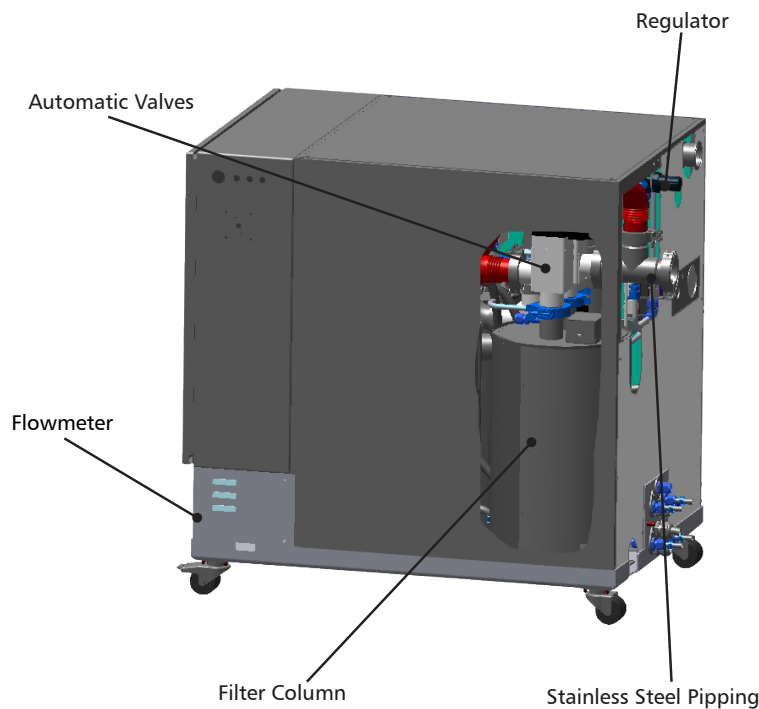
### DESCRIPTION

The MB-LMF-REG is specifically designed to safely remove harmful solvent vapor from the glove box atmosphere.

Harmful solvent vapors can affect the ability of the glove box system to properly maintain low levels of oxygen and moisture due to contamination of the inert gas filter material.

The MB-LMF-REG comes complete with automatic valves, filter column, flowmeter, stainless steel piping and can be regenerated through the touch screen interface.

The MB LMF-REG is ideal when the glovebox is installed in a clean room, it avoids regular loading material exchanges compared to standard activated charcoal solvent vapor removal which generates a lot of dust while this handlings.



### TECHNICAL DATA

Type	Regenerable solvent vapor removal
Load	Molecular sieve, regenerable, 8.1 kg
Control	PLC-controlled, operation via touch panel
Operations modes:	
In-line mode	Circulation of the atmosphere via the LMF with continuous removal
Bypass mode	Thanks to electro.-pneum. valves, the LMF can be by-passed from the circulation, e.g. during exchange of the adsorber, without breaking the circulation of the gas purifier
Adsorption capacity:	
Polar solvents	800-1600 g (e.g., Toluene, Benzenem Hexane)
Non-polar solvents	400-800 g (e.g., Ethanol, Methanol, Ethyl acetate)
Inorganic substances	1200-1600 g (e.g., Ammonia, carbon dioxide)
Atmosphere	Inert gas application (Nitrogen, Argon, other gases on request)
Option	MB-UGP-Solvent Sensor available to check solvent vapor concentration in glovebox atmosphere
Note	MB-LMF-REG is not to be used with Hydrazine

Technical note: Dependent upon operating conditions.

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