

	<b>PRODUCT DATA SHEET</b>	Technical Department
	<b>Demineralizer MG/1000C - code 3000.2</b>	

## MG/1000C – Versatile, high-performance cart-mounted demineralizer High-quality demineralized water, always within easy reach

The MG/1000C is a cart-mounted demineralizer designed to ensure practicality, autonomy and mobility in water treatment operations. Its capacity to produce approximately 1,000 litres of demineralized water per resin cycle delivers high and reliable performance. The wheeled structure makes it easy to move and use, even in industrial environments or on work sites.

At the heart of the system is the ion-exchange resin, which removes dissolved salts to produce mineral-free water. Its high exchange capacity ensures consistent quality. The resin is easy to replace, reducing running costs and extending the device service life.



### Main advantages

- Treatment capacity of approximately 1,000 litres per resin cycle.
- Cart-mounted structure with wheels for easy handling.
- Reliable ion-exchange technology.
- Simple maintenance and reduced operating costs.
- Designed for use in several sectors beyond batteries.

### Ideal applications

- Maintenance of industrial batteries.
- **Professional washing and cleaning of delicate surfaces (e.g. solar panels).**
- **Industrial applications requiring water free from mineral salts.**
- **Technical systems and laboratories.**

### TECHNICAL SPECIFICATIONS



Ref.	Description	Code
T	Support frame with handling handle	MG/1000-T
K	Plexiglas column for resin	MG/1000-K
J	Water inlet to the demineralizer	MG/1000 -J
E	Water outlet	MG/1000 -E
V	Air vent handwheel	MG/1000 -V
Ru	Fixed wheels	MG/1000 -Ru
G	Cover locking wing nuts	MG/1000 -G
R	Resin refill	3000.8

## DESCRIPTION OF THE EQUIPMENT

The equipment essentially consists of:

- A transparent Plexiglas column mounted on a painted steel support with wheels.
- A tap located on the upper part of the column to receive water from the mains supply.
- A Vipla tube for the outlet of demineralized water.
- Mixed-bed ion-exchange resin.

Feed pressure	Max 1 bar	
Feed temperature	Min. 5°C – Max. 60°C	
Approx. litres of demineralized water per cartridge	Hardness	Litres
	10° f	1000
	20° f	800
	30° f	550
	40° f	300

## BASIC REQUIREMENTS DATA SHEET

REQUIREMENTS AND SPECIFICATIONS	NOTES
Weight	10 kg

Dimensions	800 mm x 240 mm x 170 mm
Column	1 Plexiglas
Portability (manual, cart)	Cart-mounted with wheels
Feed water	Mains water supply
Inlet	8x12
Outlet	8x12
Operating pressure	Max 1 bar
Operating environment	Battery charging room
Resin specifications	Mixed-bed ion-exchange resin
Outlet water conductivity	0.1 $\mu$ S/cm
Replacement resin code	Code 3000.8

## CONCLUSIONS

The MG/1000C combines practicality, reliability and advanced technology, ensuring high-quality demineralized water for a wide range of applications. Designed to last and reduce maintenance costs, it is the ideal solution for those seeking uncompromising professional performance.