



AUTOMATIC MEASUREMENT AND REGULATION

MEMBRANO EC



**Membrane cell electrolysis systems
for optimal water quality**

MEMBRANO EC

ON-SITE CHLORINE PRODUCTION, TREATMENT TAILORED TO YOUR POOL'S NEEDS

With **Membrano EC**, produce highly active chlorine directly on site and provide your pool with precise, responsive, and fully controlled disinfection.

Thanks to **Marathon technology**, the system continuously adjusts its operation to stay as close as possible to its optimal performance, minimizing unnecessary fluctuations.

The result: up to 15% energy savings and an extended system lifespan.



MEMBRANO EC TANK

Easy Installation, maximum efficiency

The Membrano EC Tank electrolyser produces a fresh sodium hypochlorite solution directly in an **integrated tank**, making it **easy to handle peak consumption periods**.

The dosing system draws the exact amount needed for disinfection through a **measurement and regulation unit**.

An external tank with larger capacity can also be connected – ideal for **supplying multiple pools with a single system**, such as in commercial or public pool facilities.

TECHNICAL SPECIFICATIONS	EC 16 Tank	EC 26 Tank	EC 40 Tank	EC 80 Tank
Reference	MEMBRANO16T	MEMBRANO26T	MEMBRANO40T	MEMBRANO80T
Approx. power consumption (W)	100	150	180	330
Approx. production capacity (g/Cl ₂ /h)	16	26	38	76
Approx. product concentration (g/Cl ₂ /h), (depending on flow rate)	6.5	10	9	9
System Efficiency	100% (constant)		50-100% (with regulation)	
Approx. max. daily output (g/d)	384	624	912	1 824
Approx. salt consumption (g/NaCl/h)	37	60	88	177
Salt transfer to chlorine solution	Low			
Operation with two pools	Yes			
Power supply (V/Hz)	230/50			
Approx. shipping weight (kg)	45		47	
Required space for wall-mounting plate (mm) (h x l x p)	1 030 x 900 x 250			
Required installation space (mm)	1 230 x 1 100			
Product storage	1 liter (extendable as option)		40 liters	
Softening system	Reverse osmosis (integrated on mounting plate)			
Power unit	Integrated on mounting plate			

Intuitive display screen

Integrated water softening via reverse osmosis with activated carbon filter

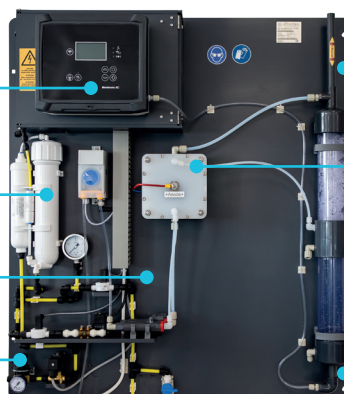
Remote monitoring via the dinoAccess app

Simple and cost-effective installation

Simple and compact system design

Durable Membrane Cells with a chlorine output ranging from 16 to 80 Cl₂/h

Dosing via an external dosing pump



Even when the incoming water temperature rises to high levels (up to 27 °C), Membrano EC systems maintain optimal performance without compromise.

User-friendly operation

- No need to handle or store chemical products.
- Simple and convenient salt refill system.

Advanced Technology

- Exclusive membrane electrolysis.
- Derived from drinking water treatment technology.
- Very high efficiency up to 80 g/h.*

* We offer a Dinotec product with even higher efficiency if needed: more information available upon request.

Versatile and Accessible

- Suitable for all types of pools: outdoor, indoor, private and public
- Compatible with plastic structures, liners, on-site lining, ceramic, and stainless steel!
- Quick and easy commissioning.

Eco-Friendly and Cost-Effective

- Uses salt, a low-cost natural resource.
- Liquid chlorine produced according to pool needs.
- No salt remains in the pool: protects your equipment.

MEMBRANO EC DIRECT

Simplified treatment, no storage needed

The dinotec **Marathon technology** automatically adjusts chlorine production based on demand, **extending the cell's lifespan**.

With no salt in the solution (it remains behind the membrane), the system is ideal for **stainless steel or heavily used pools**. Neutral pH chlorine reduces the need for pH correctors, and the alkaline solution can be used for **regulation**.

TECHNICAL SPECIFICATIONS	EC 16 Direct	EC 26 Direct	EC 40 Direct	EC 80 Direct
Reference	MEMBRANO16	MEMBRANO26	MEMBRANO40	MEMBRANO80
Approx. power consumption (W)	100	150	180	330
Approx. production capacity (g/Cl ₂ /h)	16	26	38	76
Approx. product pH	7 - 7.5			
System efficiency	20-100% (with regulation)			
Approx. max. daily output (g/d)	384	624	912	1 824
Max. salt consumption (g/NaCl/h) at 100% efficiency	59	96	140	280
Salt transfer to chlorine solution	None			
Operation with two pools	No		Yes (with extension kit)	
Power supply (V/Hz)	230/50			
Approx. shipping weight (kg)	55		52 (without pumps)	
Required space for wall-mounting plate (mm) (h x l x p)	1 030 x 900 x 250			
Required installation space (mm)	1 230 x 1 100			
Product storage	Production on demand			
Softening system	Reverse osmosis (integrated on mounting plate)			
Power unit	Integrated on mounting plate			

Intuitive display screen

Integrated water softening via reverse osmosis with activated carbon filter

Remote monitoring via the dinoAccess app

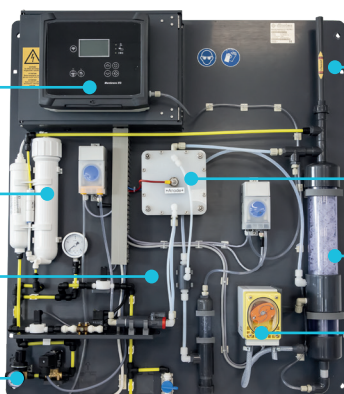
Compatible with all pool systems

Easy and cost-effective installation

Optimal regulation of disinfectant solution production

Highly active product
Neutral pH to preserve alkalinity

Integrated chlorine dosing pump



The disinfectant solution produced by the «EC Direct» system has a neutral pH, so no correction is needed!

Reliability

Each unit, manufactured in Germany, undergoes rigorous factory testing before delivery.

DON'T FORGET! !

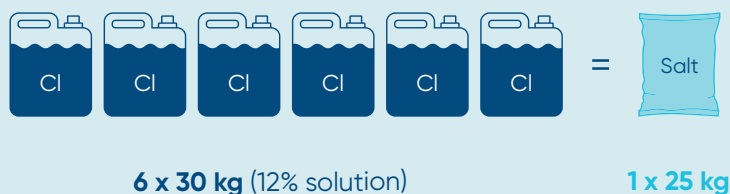
USE SALT COMPLIANT WITH DIN-EN 16370 (QUALITY 1)

The operation of Membrano EC Direct and Membrano EC Tank requires the use of salt that meets the DIN-EN 16370 (Quality 1) standard to extend the system's lifespan.



Salt is an environmentally sourced product, whose production requires little energy and generates reduced greenhouse gas emissions.

Salt is also simpler, cheaper, and less bulky than chlorine, with fewer logistical constraints.



INFO

The absence of salt in the pool water means that it can be reused for other purposes (e.g., watering plants).

FOR MORE INFORMATION, ASK YOUR POOL PROFESSIONAL

DEL SAS with a capital of 2 300 000 € - RCS 303355671 Rennes - ZA
La Croix Rouge - 35530 Brécé - FRANCE - Non-binding document -
© DEL SAS - 07/25 - Do not throwaway - A-DBR01312L1



a brand by **CF group**