

# AutoChlor<sup>®</sup>

## SMC<sup>™</sup> Mark II

Lightweight.  
Energy Efficient. Versatile.



Simpler. Safer. Smarter.  
AISWATER.COM.AU

**AIS**  
Australian Innovative Systems

# AutoChlor® SMC™ Mark II

SALINITY RANGE: 4,000 - 32,000PPM

The **SMC™ Series** made a splash in the industry, bringing AIS onto the scene as an award-winning innovator. First introduced in the year 2000, **AutoChlor® SMC™** was the world's first residential salt-water chlorine generator powered by a Switch Mode Power Supply (SMPS).

Despite being faced by initial industry scepticism, AIS successfully developed a lightweight and energy-efficient chlorine generator which took the European market by storm. AIS' innovation has seen SMPS' now widely accepted as a viable alternative to traditional transformers.

## Released in 2016

### AutoChlor® SMC™ Mark II features:

- **Chlorine Output** of 20g/hr and 30g/hr
- **Switch Mode Power Supply (SMPS)** - a superior alternative to traditional transformers that delivers greater energy-efficiency, wider salinity range, significant weight reduction, enhanced performance and extended electrode life
- **Compact Form Factor** - allowing easy handling and installation in tight spaces
- **Lightweight Design** - translating into significant cost savings on freight
- **Anodized Aluminium and Polycarbonate Construction** - enhancing corrosion resistance
- **Insect Barrier** - providing a strong deterrent against pest infestation
- **Hi-flow Active Cooling System** - continuously protecting internal electronics from overheating
- **Standard Safety Measures** - preventing damage caused by overloading, water flow interruption, high/low salt, and other unforeseen events

- **Reverse Polarity (RP) function** - reduces calcium build-up on electrodes, resulting in less maintenance
- **Genuine AIS Anode** - ensuring the longevity of the electrolytic cell
- **Digital Backup Timer** - ensuring chlorine production resumes at pre-set times after power outages
- **Proudly Australian Designed and Manufactured**

### AutoChlor® SMC™ Mark II available in:

- **Universal models (SMC 20TA, SMC 30TA)** - including Digital Backup Timer and Pump Outlet as a standard option
- **European models (SMC E20B, SMC E30B)** - excluding Digital Backup Timer and Pump Outlet

### Warranty:

AutoChlor® SMC™ is covered by a three (3) year warranty on power supply and electrolytic cell for residential use and one (1) year warranty for commercial applications.

## Specifications

| MODELS    | CHLORINE OUTPUT | INPUT AC POWER CONSUMPTION | INPUT CURRENT | OUTPUT CURRENT | WATER FLOW | DIMENSION (PACKAGED) | WEIGHT (PACKAGED) | DIMENSION (POWER SUPPLY) | APPROXIMATE POOL SIZE |
|-----------|-----------------|----------------------------|---------------|----------------|------------|----------------------|-------------------|--------------------------|-----------------------|
| UNIVERSAL | g/hr            | Kilowatt hour (kWh)        | Amps (A)      | Amps (A)       | L/min      | L x W x H (cm)       | kg                | L x W x H (cm)           | m <sup>3</sup>        |
| EUROPEAN  |                 |                            |               |                |            |                      |                   |                          |                       |
| SMC 20TA  | 20              | 0.160                      | 1.00          | 5.00           | 150 - 450  | 48 x 35 x 17         | 4.5               | 23 x 21.4 x 11.2         | 40                    |
| SMC E20B  |                 |                            |               |                |            |                      |                   |                          |                       |
| SMC 30TA  | 30              | 0.185                      | 1.15          | 7.00           |            |                      | 5.0               |                          | 60                    |
| SMC E30B  |                 |                            |               |                |            |                      |                   |                          |                       |

All tests were conducted at the temperature of 26°C, pH 7.7, salinity level 4,000ppm and flow rate 200L/m

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**AIS**<sup>™</sup>  
Celebrating  
**25 YEARS OF  
INNOVATION**