

## APURI TPC (Total Pool Control)

### ALL IN control system for swimming pools



### Features

#### Electrical (upper compartment)

- Pool control system with display
- Filter pump control on-off-man
- Energy saving variable speed pool pump control\*
- Light control on-off
  - LED lights
  - RGB LED lights with touchscreen control\*
- Integrated pool cover controller with key contact\*
- SNOOZE function with frost protection
- Level control with level probes (com-min-max) and automatic refilling\*
- Automatic backwash – BESGO valve\*
- Remote control with 4 contacts\*
  - Pool cover open
  - Pool cover close
  - Led's on/off
  - Free contact (free use)

#### Analytical (lower compartment)

- Complete water treatment pH RX (or Apuri E – Electrolysis\*)
  - Chlorine disinfection
  - pH correction
- Flow panel with probe connections, filter and flow control
- Silent en reliable Siemens peristaltic pump for precise injection of the chemicals
- Leakage recovery system
- Level control
- Overdosing protection
- Leak detection

## Applications

- Indoor swimming pools
- Outdoor swimming pools

## Technical specifications

### Control

- Green lamp: pool ok
- Red lamp: alarm
- Lights on-off
- Snooze function (winter-summer)
- Filter pump man-0-auto
- Backwash\*
- Cover open/close key contact\*
- Remote control\*

### Alarms

Output alarm : potential free contact

- Filterpump alarm
- pH level alarm
- ORP level alarm
- pH value alarm
- ORP value alarm
- pH dosing time alarm
- ORP dosing time alarm
- Leak detection
- Flow alarm
- Probe calibration

### Environmental data

- Ambient operating conditions: 5°C – 40°C
- Pool water flow min: 1,5l/min

### Reagents recommended

- Sodiumhypochlorite 13,5% (or Apuri Electrolyt when using the Apuri E\*)
- Sulfuric acid 10% (or Apuri pH+ when using the Apuri E\*)

### Mechanical data

- Protection class: IP65
- Dimensions (H x W x D): 1250mm x 750mm x 320mm
- Total weight: ~60kg

### Utilities

- Power: 220-240VAC, 50Hz or 3x400VAC, 50Hz
- Connections sample pool water: hose connection