# USER MANUAL

## JUST DOSING REDOX
## 1 pump and 2 pumps
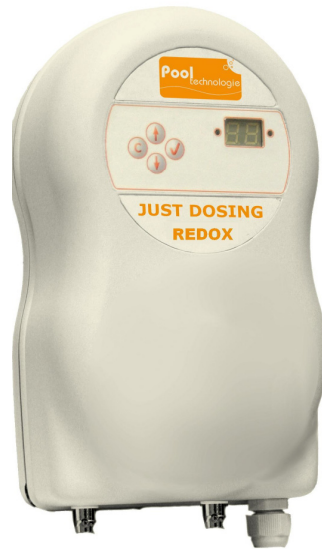


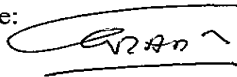FAMILY POOLS UP TO 160 m$^3$

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Pool Technologies declares this equipment complies with the following E.U. directives:
 - Electromagnetic Compatibility Directive 89/336/EEC modified 92/31/EEC and 93/68/EEC
 - Low Voltage Directive 73/23/CEE modified 93/68/EEC
Chief Executive:

*To improve product quality, the manufacturer reserves the right to modify production, at any time and without notice.*

# I. SAFETY INSTRUCTIONS

## * READ AN FOLLOW ALL INSTRUCTIONS
## * SAVE ALL INSTRUCTIONS

**In the manual this symbol indicates a WARNING.
It informs you of the risk of damage to the equipment or of serious injury.
It is very IMPORTANT that you pay attention to these warnings !**

**WARNING - RISK OF ELECTRIC SHOCK**
**The safety instructions outlined in this manual are not exhaustive. They highlight the most common risks of using electrical equipment in presence of water. Any installation and use of this equipment should be carried out with caution and common sense.**

To prevent injury or accident install the equipment out of the reach of children.

Ensure that the installation conforms to the regulation in force in the region concerned. The filtration box power supply line should be protected by a differential circuit breaker with a release security of 30 mA maximum with an opening distance of at least 3 mm on all poles. This circuit breaker has nothing to do with the house's one- from 300 to 500 mA-. In case of doubt, get a qualified electrician to look at the installation. The electrical installation of this equipment should be performed by a qualified person in accordance with the regulation in force in the region concerned.

The power supply cables must be protected against accidental damage. A damaged cable should be replaced immediately and exclusively with an original cable. Never cut or extend the cables.

It is important to turn off the power supply before carrying out any technical work. Do not modify the device. Any modification may cause damage or be dangerous. Only qualified personnel should carry out maintenance in case of break down.

This device is intended for use in family pools only.

**NON-OBSERVANCE OF THESE INSTRUCTIONS MAY CAUSE DAMAGE TO THE DEVICE OR SERIOUS INJURY**

# II. PACKING LIST

Before starting installation, ensure that the box contains:

| Type | Type |
|---|---|
| **1 Pump** | **2 Pumps** |
| 1 User manual | 1 User manual |
| 1 Controller  (electronic box) | 1 Controller (electronic box) |
| 1 Peristaltic pump | 2 Peristaltic pumps |
| 1 REDOX probe | 1  REDOX , 1 pH probe |
| 5 m colored tubing | 5 m transparent tubing for pH<br>5 m coloured tubing  for REDOX |
| 1 inlet filter | 2 inlet filters |
| 1 control panel with probe holder, filter and mounting set | 1 control panel with probes holder, filters and mounting set |
| 1 Injection connector  Ø ½ '' | 2 Injection connectors Ø  ½ '' (check valves) |
| 2  inserts and 2 fixing screws | 2 inserts and 2 fixing screws |
| <u>1 kit for assembly panel connection:</u> 5 m clear tubing, 2 fittings Ø ½ '' , 2 saddles 50 mm x ½ '' and 2 small valves M/F ½" | <u>1 kit for assembly panel connection:</u> 5 m clear tubing, 2 fittings Ø ½ '' , 2 saddles 50 mm x ½ '' and 2 small valves M/F ½ " |
| 1 saddle Ø 50 mm  x ½ '' | 2 saddles Ø 50 mm x ½'' |

# III. INSTALLATION

## A – INTRODUCTION

This manual covers the 2 automatic dosing models:
- Model 1 pump for the simple disinfection of the pool.
- Model 2 pumps for the disinfection and the pH regulation of the pool.

Before proceeding with the installation of the device, it is very important to check the following points:

✓ The technical area should be dry and properly ventilated, protected from rain, splashes, discharges of water and UV radiation. Provide a space for each which is at a sufficient distance from the electrical appliances or any other chemical containing product.
Non-compliance with this instruction will lead to abnormal oxidation of the metallic parts, which may result in the device break down.

✓ Assembly of the dosing controller and its attachments must strictly conform to the following installation diagram.

Installation diagram JUSTDOSING Redox
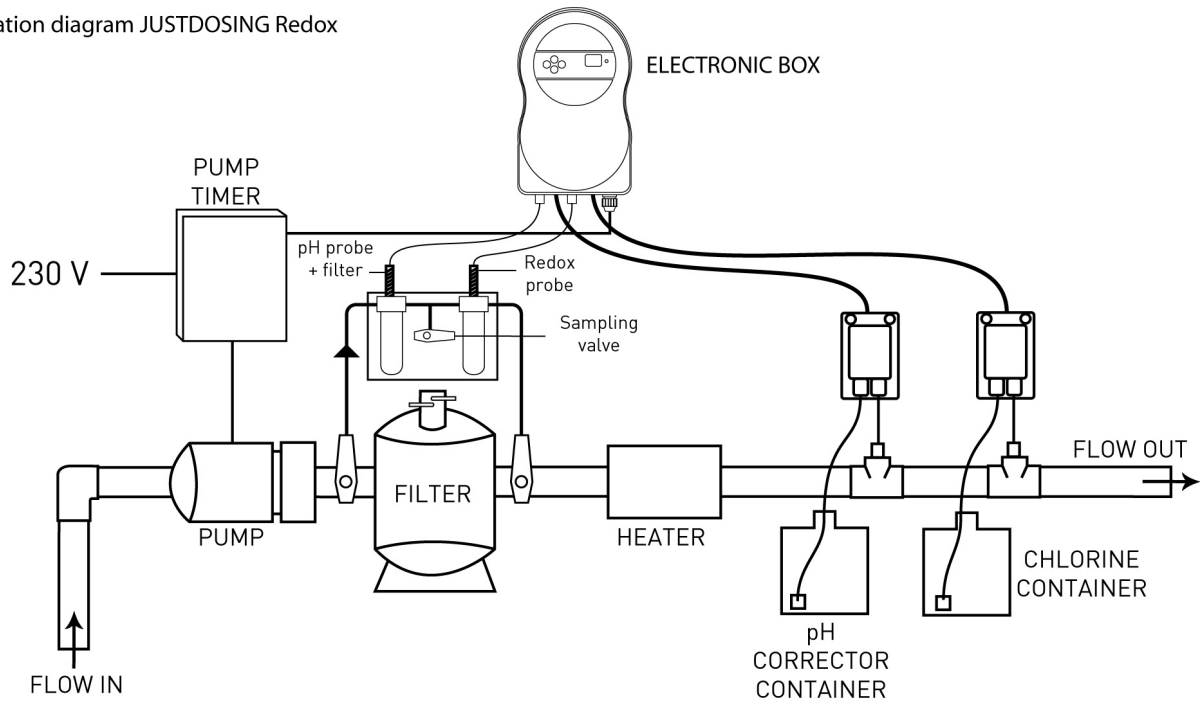


⚠️ For the model 2 pump : follow the mounting order of the probes on the control panel. Also follow the order of correcting agents' installation order.

⚠️ For the model 1 pump the Redox probe and the filter must be mounted on the left entry of the control panel.

# B - INSTRUCTIONS

## 1 – Controller (electronic box)

✓ Choose an area which is easily accessible, close to the electronic filtration box. Install the controller vertically, far enough away from the pool to respect the regulation distances of your own country. Do not cover it.

⚠️ Any contact between the controller and the water in the pool may risk electrocution.

✓ The controller must be permanently connected to the filtration controller and slaved to the pump contactor. **Do not use an extension cord with a plug or use a plug to connect the unit.** Turn off the differential circuit breaker beforehand. Ensure that the controller switches off when the filtration pump stops.

## 2 – Assembly panel

✓ Choose an area which is easily accessible, close to the controller and to the filtration box. Install the controller horizontally, use the connection set in order to connect it in parallel with the sand filter, as per the installation diagram.

✓ The valves mounted on the saddles allow isolating the measuring circuit. Another valve, placed between the 2 filters allows the water sampling for measurements by photometer for example.

**Assembly panel connection**

✓ Place the first saddle. Mark, then drill the pipe. Mount the small valve on the saddle with Teflon. Mount the fitting M ½''on the small valve.

✓ Place the second saddle. Mark, then drill the pipe. In the same way, mount the small valve on the second saddle with Teflon. Mount the fitting M ½''on the small valve.

✓ Take off the rubber protections from the probes then mount them on the corresponding probe holders. Ensure it is not stuck in the pipe.

✓ Connect the cables from the REDOX and pH probes (BNC plugs) to the bottom of the controller. Keep it away from all other electric cables to avoid any electromagnetic disturbance which may distort measurements.

## 3 – Accessories

### **Type 1 pump (disinfectant)**

✓ Place the first saddle in the middle of a horizontal pipe of a minimum of 40 cm, turning the opening 1/2'' preferably upwards. Mark, then drill the pipe. Mount the injection connector on to the saddle with Teflon.

✓ Connect the inlet filter to the pump with a part of the coloured tubing supplied. Follow the direction of the arrows on the cover of the pump.

✓ Connect the outlet of the disinfectant pump to the injection connector with a piece of the tubing supplied.

✓ Connect the pump to the controller.

### **Type 2 pumps (disinfectant, pH)**

Place the first saddle and accessories as per Type 1 pump

✓ Place the second saddle at a minimum distance of 50 cm from the first one. Turn the opening ½''upwards. Mark, then drill the pipe. Mount the injection connector ½ '' with Teflon. The injection connector should be as close as possible to water pushing in to the pool.

✓ Connect the suction strainer to the pH pump with a part of the tubing supplied. The arrow on the pH pump cover indicates the flow direction.

✓ Connect the outlet of the pH pump to the injection connector with a piece of the tubing supplied.

✓ Connect the pump to the controller.

# IV. ACTIVATION

## A – INTRODUCTION

⚠️ When installing the device for the first time or at the start of a new season, it is imperative to check and adjust the following 3 points :

✓ The pool water must be clear and free from algae or sediment.

✓ The water should be correctly balanced (alkalimetry, hydrometry):
  - Alkalimetry shows the level of bicarbonates dissolved in the water.
  - Hydrometry, shows the water hardness, that is the level of calcium or magnesium salts dissolved in the water.

✓ The pH of water should be stabilised between 7,0 and 7,2.

⚠️

The efficiency of a chlorine chemical treatment is rapidly decreased by the increase in pH and scale precipitates more quickly when pH is high or unstable.
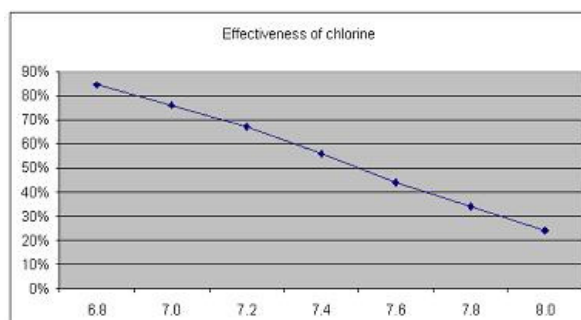


*Source : French Ministry of Health*

## B – INSTRUCTIONS

All models:
The Redox and pH probes have been calibrated in the factory; no calibration needs to be carried out before first using the device.
It is necessary to set the device according to the pool volume and the used treatment agents.
**Please follow the instructions outlined in chapter V.**

The activation of your device is now completed. We recommend you to activate your guarantee on www.pool-technologie.com. It will enable you to receive information on your device.

# V. MAINTENANCE

⚠️ Never use hydrochloric acid. Only use a pH corrector product (acid or base) which is recommended by your professional. The use of any other chemical product can lead to irreversible damage to the device.

⚠️ Use exclusively a disinfectant made from chlorine recommended by your professional (sodium hypochlorite or soda hypochlorite). The use of any other chemical product can lead to irreversible damage to the device.

⚠️ It is IMPERATIVE to check the levels of chlorine and pH each week with your usual analysis kit. An excessive level of chlorine and/or a low pH is likely to cause oxidation of the metal parts and can lead to non-reversible deterioration of the pool surface, axes and automatic shutter flaps, telescopic shelters, thermal exchangers. If you are covering the pool (shutter, tarpaulin, cover), ventilate the pool regularly so as to avoid dissolved gases accumulating which could disrupt the measurements of pH or chlorine probes. The manufacturer is not liable for the non-observance of the maintenance instructions.

Your device allows you to carry out different operations detailed below. Button **C** allows to you stop an operation which is running, at any time, so you can go back to the main menu.

## A – INTRODUCTION

Depending on the model (1 or 2 pumps), the device may have the following functions: disinfection / pH.

   1) Display ( 2 pumps model)
The display alternatively shows the Redox or the pH value. Example:
.
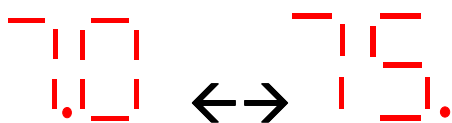


   ⇒ 7.0 stands for a pH value of 7
   ⇒ 75 stands for a redox value of 750 mV

   2) A scrolling menu allows setting the JUST DOSING REDOX :

   1. MA: manual injection for disinfectant and pH
   2. Ad: adjustment of Redox and pH probes
   3. CA : pH probe calibration
   4. CP : pool volume

5. Co : pH correcting agent
6. SE : pH and redox set point
7. do : daily dose
8. OP: empty can function (option)

**Summary of the menu**

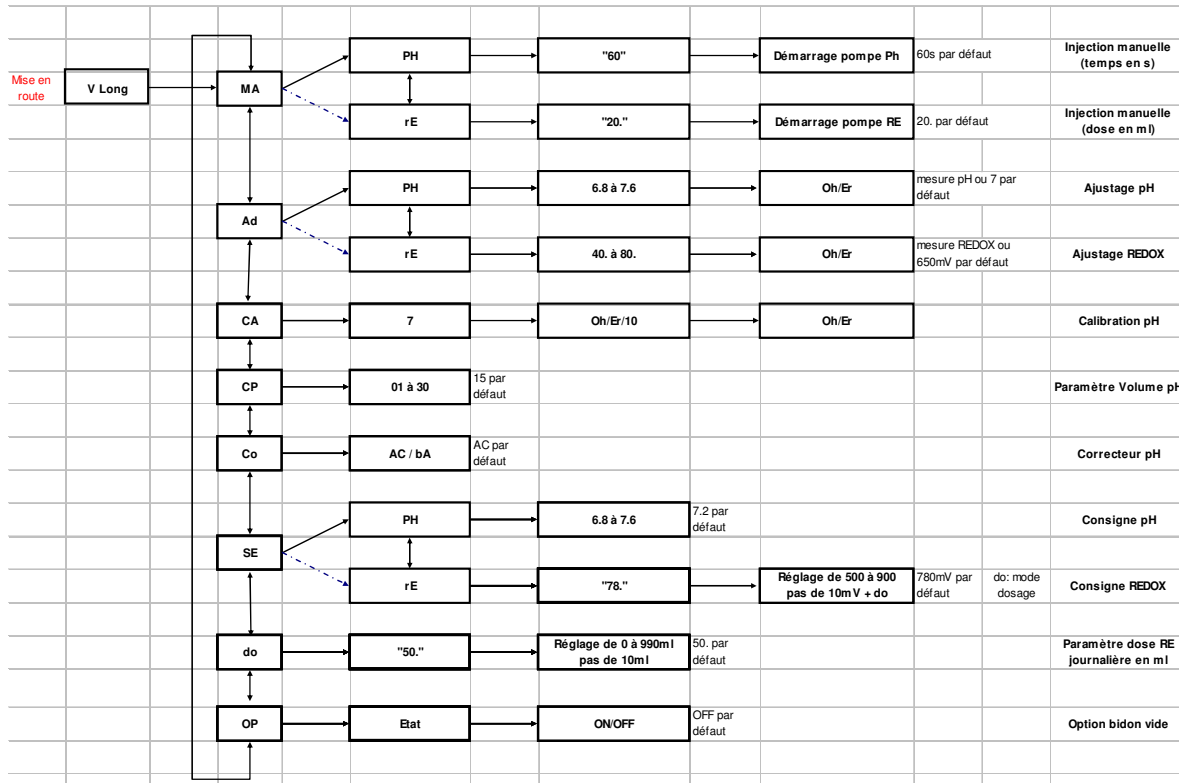| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Mise en route → V Long → | MA | PH | "60" | Démarrage pompe Ph | 60s par défaut | | Injection manuelle (temps en s) |
| | MA | rE | "20." | Démarrage pompe RE | 20. par défaut | | Injection manuelle (dose en ml) |
| | Ad | PH | 6.8 à 7.6 | Oh/Er | mesure pH ou 7 par défaut | | Ajustage pH |
| | Ad | rE | 40. à 80. | Oh/Er | mesure REDOX ou 650mV par défaut | | Ajustage REDOX |
| | CA | 7 | Oh/Er/10 | Oh/Er | | | Calibration pH |
| | CP | 01 à 30 | 15 par défaut | | | | Paramètre Volume pH |
| | Co | AC / bA | AC par défaut | | | | Correcteur pH |
| | SE | PH | 6.8 à 7.6 | 7.2 par défaut | | | Consigne pH |
| | SE | rE | "78." | Réglage de 500 à 900 pas de 10mV + do | 780mV par défaut | do: mode dosage | Consigne REDOX |
| | do | "50." | Réglage de 0 à 990ml pas de 10ml | 50. par défaut | | | Paramètre dose RE journalière en ml |
| | OP | Etat | ON/OFF | OFF par défaut | | | Option bidon vide |

**Disinfectant regulation:**
The injection of the disinfectant is automatically carried out according to the Redox set point you will adjust and the daily recommended dose advised by the disinfectant provider. Example:
Recommended dose 900 ml/100 m$^3$/day. If your pool capacity is 50 m$^3$, the daily dose (**do**) will be 450 ml.

**pH regulation:**
The injection of the pH correcting agent (acid or base, to set in **Co** menu) is automatically carried out according to the set point and the pool volume (**CP**).

# B – INSTRUCTIONS

To modify the parameters of a function:
- ✓ Hold the button **V** for 3 secs to access the parameters which can be modified.
- ✓ Choose the code of the parameter to modify using the ∩ ∪ buttons then confirm with **V**.
- ✓ The parameter to modify flashes.
- ✓ Choose the desired value using the ∩ ∪ buttons then confirm with **V**.

✓ The value will be displayed for 3 secs. The device then automatically returns to the main display.

Button **C** allows you to stop the operation in progress at any time and to return to the main menu.

## 1) – Start / Stop

This function allows you to stop or start the device again at any time.

✓ Press and hold **C** for 3 seconds.

## 2) – Adjustment of the pool volume

This function allows you to adapt the quantity of product to be injected according to the volume of the pool. The volume by default corresponds to pools from 30 to 35 $m^3$ (code 15).

| Pool volume | code | Pool volume | Code | Pool volume | Code |
|---|---|---|---|---|---|
| 0 $m^3$ to 1 $m^3$ | 01 | 10 $m^3$ to 15 $m^3$ | 11 | 60 $m^3$ to 70 $m^3$ | 21 |
| 1 $m^3$ to 2 $m^3$ | 02 | 15 $m^3$ to 20 $m^3$ | 12 | 70 $m^3$ to 80 $m^3$ | 22 |
| 2 $m^3$ to 3 $m^3$ | 03 | 20 $m^3$ to 25 $m^3$ | 13 | 80 $m^3$ to 90 $m^3$ | 23 |
| 3 $m^3$ to 4 $m^3$ | 04 | 25 $m^3$ to 30 $m^3$ | 14 | 90 $m^3$ to100$m^3$ | 24 |
| 4 $m^3$ to 5 $m^3$ | 05 | **30 $m^3$ to 35 $m^3$** | **15** | 100 $m^3$ to 110$m^3$ | 25 |
| 5 $m^3$ to 6 $m^3$ | 06 | 35 $m^3$ to 40 $m^3$ | 16 | 110 $m^3$ to 120 $m^3$ | 26 |
| 6 $m^3$ to7 $m^3$ | 07 | 40 $m^3$ to 45 $m^3$ | 17 | 120 $m^3$ to 130 $m^3$ | 27 |
| 7 $m^3$ to 8 $m^3$ | 08 | 45 $m^3$ to 50 $m^3$ | 18 | 130 $m^3$ to 140 $m^3$ | 28 |
| 8 $m^3$ to 9 $m^3$ | 09 | 50 $m^3$ to 55 $m^3$ | 19 | 140 $m^3$ to 150 $m^3$ | 29 |
| 9 $m^3$ to 10 $m^3$ | 10 | 55 $m^3$ to 60 $m^3$ | 20 | 150 $m^3$ to 160 $m^3$ | 30 |

Each code corresponds to an injection time for the disinfectant and the pH corrector. Due to the nature of water it may be necessary to adapt the average timing.

➢ Press the **V button for** 3 seconds : **MA** flashes.
➢ Choose **CP** using the ⭕ ⭕ buttons then confirm with **V**.
➢ The display flashes and shows the default value (code 15) when first installed.
➢ Choose the code which corresponds to the volume of the pool using the ⭕ ⭕ buttons then confirm with **V**.
➢ The display stops flashing. After 3s the device automatically goes to regulatory mode.

## 3) Adjustment of the disinfectant dose

Just Dosing Redox may be used with all type of available disinfectant products. **Do** menu allows setting the daily dose according to the product manufacturer recommendations.

Example: recommended dose 900 ml/100 $m^3$/day. If your pool capacity is 50 $m^3$, the daily dose (**do**) will be 450 ml.

| Pool Volume | Hypochlorite, concentration at 2,7% (8,5° chlorometric degrees) | Hypochlorite, concentration at 9,6% (35° chlorometric degrees) | Hypochlorite: Concentration at 12,5% (50° chlorometric) |
|---|---|---|---|
| 1 m3 | 100ml (do→ 10.) | 20ml (do→ 20) | 10ml (do→ 10) |
| 10 m3 | 990ml (do→ 99.) | 170ml (do→ 17.) | 100ml (do→ 10.) |
| **30 m3** | | **500ml (do→ 50.)** | 300ml (do→ 30.) |
| 50 m3 | | 850ml (do→ 85.) | 500ml (do→ 50.) |
| 60 m3 | | 990ml (do→ 99.) | 600ml (do→ 60.) |
| 100 m3 | | | 990ml (do→ 99.) |

✓ Press button **V** for 3 seconds. **MA flashes in the display**.
✓ Select the **do** parameter and confirm with **V**.
✓ **50. is displayed as default** (or the last saved value in ml)
✓ Select the dose from 0 to 990 ml using the **⋔  ⋃  buttons then confirm with V**. Caution: a display of **15** means 150 ml.
✓ After 3 secs the device automatically goes to the main menu.


**4) Adjustment of the pH corrector type:**
The device has a default setting for using an acid corrector product. It may be necessary to modify this regulation (acid / base) adapt it to the characteristics of the water in your pool.
✓ Press button **V** for 3 seconds : **MA flashes in the display**.
✓ Select the function **Co with the  ⋔  ⋃** buttons then confirm with **V**.
✓ Select by **⋔  ⋃** an acid product (**AC**) or base (**bA**) then confirm with **V**.
The display stops flashing and after 3s the device automatically goes to regulation mode .


**5) Adjustment of Redox set point**
The Redox set point by default is 780 mV. This value corresponds  to an efficient disinfection rate for a pH regulated around 7.2. JUST DOSING REDOX allows you to modify the set point in order to fit the own features of your pool water.
✓ Press the **V** button for 3 seconds. **MA flashes in the display.**
✓ Choose the **SE** function with the **⋔  ⋃** buttons then confirm with  **V**.
✓ Choose **rE** with the **⋔  ⋃** buttons then confirm with  **V**.
✓ The display flashes with the stored details.
✓ Choose the desired value with **⋔  ⋃** within 500 to 900 mV then confirm with **V**.
The Redox regulation will be, from now, at the new chosen value.


**6) Adjustment of the pH set point**
The pH set point by default is 7.2. It is however possible to modify this set point to fit the features of your pool water.
✓ Press the **V** button for 3 seconds. **MA flashes in the display.**
✓ Choose the **SE** function with the **⋔  ⋃** buttons then confirm with **V**.
✓ Choose the **PH** function with the **⋔  ⋃** buttons then confirm with **V**.
✓ The display flashes with the stored details.
✓ Choose the value you want with **⋔  ⋃** within 6.8 to 7.6 then confirm with **V**.
The pH regulation will from now on be at the new value chosen.


**7) Manual injection**
This function allows you to carry out manual injection of a disinfectant or pH corrector product for an adjustable amount of time.

- ✓ Press button **V** for 3 seconds. **MA flashes in the display**.
- ✓ Select the **MA** parameter and confirm with **V**.
- ✓ Select the desired product **rE** (disinfectant) or **pH** (pH correcting agent).
- ✓ Select the dose from 0 to 990 ml for the disinfectant or a time from 0 to 9,5 mn for the pH with the ⋂ ⋃buttons then confirm with **V**. **Caution** : a read out of **15** means 150 ml while **1.1** means 1 mn and 1 second.
- ✓ Injection starts. After 3secs the device automatically goes to the main menu.


**8) – Adjustment of the probes**

This function allows you to adjust the values measured by the device and the values you have measured in your pool with your usual analysis kit.

- ✓ **Press button V for 3 seconds . Ma starts to flash**.
- ✓ Choose function **Ad** using the ⋂ ⋃ buttons then confirm with **V**.
- ✓ Select the desired product **rE** (disinfectant) or **pH** (pH correcting agent).
- ✓ **The display flashes the current value**
- ✓ **Select** the desired value using the ⋂ ⋃ buttons from 400 to 800 mV for the disinfectant and from 6,8 to 7,6 for the pH then confirm with **V**. If the selected value is acceptable, then the display shows **Oh** during 3 s. The new value is then saved.
- ✓ After 3 secs the device automatically goes to regulation mode.


In case of failure in adjusting a probe:
- ✓ The display shows Er for Error. Push the button ON/OFF or V to erase the message.
- ✓ The previous value remains stored.


**9) – Calibration of the pH probe**

Each pH probe has its own characteristics. To regulate pH effeciently, it is recommended that a calibration pH probe be made at the start of the season and after any change of the pH probe.

- ✓ Check that you have pH7 and pH10 solutions (not supplied).
- ✓ Stop filtration. Remove the probe from its holder and replace it with a coin. Then set filtration to MANUAL mode.
- ✓ Hold down the **V** button for 3 seconds. **MA** flashes.
- ✓ Choose function **CA** using the ⋂ ⋃ buttons then confirm with **V**.
- ✓ The display shows the 1st point of calibration by flashing **7**.
- ✓ Place the pH probe in a standard pH 7 solution then confirm by **V**.
- ✓ Please wait. Calibration is automatic: the display will flash alternatively **7** and **- -** . If the measured value is correct, the display will read **Oh**.
- ✓ Rinse the pH probe then let it drain. After 3 s, the display will then show the 2nd calibration point by flashing **10**.
- ✓ Place the pH probe in the pH 10 solution then confirm with **V**.
- ✓ Please wait. Calibration is automatic: the display will flash alternately **10** and **- -** . If the measured value is acceptable, the display will read **Oh for** 3 s. The new parameters are then stored.
- ✓ The device will automatically move into regulation mode after 3 secs. Stop the filtration.
- ✓ Put the probe back into its holder then put filtration to « AUTO » mode.


If the calibration does not work:
- ✓ The display reads **Er** for Error. Pressing Stop/Start or **V** will clear the message.
- ✓ The previous parameters remain stored.
- ✓ Contact a professional. You may need to replace your pH probe.

⚠️ The calibration solutions are disposable. They can be kept for 1 year in their vacuum sealed packet stored away from light and heat. Dispose after use.

⚠️ Never dry the pH probe with a cloth or absorbent paper since it may damage it. Leave it to drip dry.

# VII. ALARMS

### 1– Flashing pH display
The device has detected an abnormal pH value:  > 1 (High pH Alarm) or pH < 1 (low pH Alarm).
Check the value of the pH in the pool using your usual analysis kit. If the pH is abnormal, stop the device. Add a pH acid corrector (Alarm pH high) or pH base (Alarm pH low) directly in the pool through the flow out pipes. Restart the device. If the pH is normal, adjust or calibrate the pH probe.

### 2–Flashing AL display
The device has detected that the previous correction attempts have failed.
- ✓ Check that the disinfectant and or pH corrector and tank are not empty
- ✓ Check that the pumps are injecting properly (refer to chapter V, paragraph )
- ✓ Check the probes comparing the values indicated by the device with the measured values in the pool with your usual analysis kit
- ✓ Check the condition of the  extraction and injection valves
- ✓  Check the volume of the pool (refer to paragraph V.)
- ✓ Do not hesitate to visit our FAQ on [www.pool-technologie.com](www.pool-technologie.com). If you do not find solution to your problem, contact our Technical Assistance Service on:
  N° INDIGO 0 892 705 520 (from France)
  0,34 € TTC/MN

Please supply:
- ✓ Proof of purchase
- ✓ Serial number of the controller and the pH probe
- ✓ Date when the device was installed
- ✓ Name of the professional shop where it was purchased and/or who installed the equipment.
- ✓ You will be asked : pH value, chlorine level, water temperature, stabiliser level, pool volume, time of daily filtration.

# VIII. WINTERING

When wintering the pool (emptying the pool and/or stopping filtration), carry out the following maintenance operations:
✓ Remove the pH probe and keep it in the rubber protection filled with tap water.
✓ Rinse the flexible tube of the peristaltic pump with clean water.

**Changing the pump tubing:**
Replace the flexible tubing from the peristaltic pump each season, the check valves. The maintenance kit (Réf. KIT02MAINMTP) contains all of the parts necessary for annual maintenance operation.

# IX. WARRANTY

All our care and technical expertise has gone into making this device. It has undergone quality control. If, in spite of all care and knowledge which has gone in to its manufacture, you have to use our warranty, free replacement only applies to parts of our equipment which are defective.

## Duration of the warranty
**2 YEARS** for New **material** (controller).
**1 YEAR** for the pH probe  (basic probe excluded)
**1 Month**\* for After Sales Repairs and **spare parts**
*\* Authentic invoice date.*

## Warranty objects
The warranty applies to all parts with the exception of consumables which must be replaced regularly.
The device is covered for any manufacturing defect only when it has been used normally in a family pool. Use in public pools voids the warranty.

## After sales service
✓ All repairs are done in our work-shop.
   All transport fees are payable by the user. There will be no compensation for immobilisation and privation of the equipment when it is being repaired.
✓ In any case, the equipment is always carried at the user's own risk.   It is up to the latter to check that it is in perfect condition before the order is collected and if need be to state any reservations on the carrier's slip. Confirm this with the carrier within 72 hours by registered letter, with an acknowledgement of receipt.

**IMPORTANT: A replacement under guarantee will on no account extend the initial warranty.**

## Limit of the warranty

*Not included in the warranty:*

1. Equipment and labour provided by a third party at the time of the installation of the equipment.

2. Damage caused by an installation which is non-compliant.

3. Problems caused by deterioration, accident, harsh treatment, professional negligence or by the final user, non-authorised repairs, fire, floods, lightening, frost, armed conflict or any other force majeure.

**ATTENTION: The warranty does not cover any damaged equipment further to non respect of security use rules, use and maintenance stated in the current manual.**

Every year we improve our products and software. These new versions are compatible with previous models. New versions of equipment and software are not added to the warranty from the previous models.

## Implementation of the warranty

✓ For more information on the current warranty contact your professional or our After Sales Service. Any request should be accompanied by a copy of your proof f purchase

✓ Do not hesitate to activate your guarantee on www.pool-technologie.com. It will enable you to receive information on your device.

✓ No part replacement will be made without the defective part being returned beforehand. Any part which is not returned will be charged at the current tariff.

## Laws and disputes

✓ The present warranty is subject to French law and all other European directives or international treaties which are in force at the moment of complaint and which are applicable in France. In the event of dispute with regard to its interpretation or its execution, this is the remit of TGI de Montpellier.

# IX. ENVIRONMENT PRESERVATION

Environment preservation is essential. Our company is very much involved in this.

Our products are designed and manufactured with materials and components which are of a high quality, respect the environment, and are reusable and recyclable. However, the different components of which they consist may not be biodegradable. Our products should not just be discarded.

European environmental directives set, for each product category, appropriate methods of managing and disposing of waste material. The aim is to reduce waste material and to use it, avoid making their components become a danger and to encourage the products to be reused. To carry out this policy successfully, product manufacturers, distributors, users and even professionals are involved in managing waste material from these products.

Since August 13, 2005, a European directive means you can dispose of your used product free of charge:
- If you buy a new product which is more or less the same, you can bring it back to the distributor when you are buying a new one.
- Take it to a waste recycling facility.

The symbol ███ stamped on a product means that a selective collection is necessary and that it must be sorted from other household waste.