



JD SEL SEA 40, 60 and 100 New version

Dear partners,

The JD Sel Sea range is changing! The use of new-generation electronic components – tested over the last two seasons by our supplier, Pacific Industrie – is the key to the latest versions of our JD Sel Sea 60 and 100 electrolyzers, which will replace the current versions in the weeks to come.

We would also like to take this opportunity to reference the JD Sel Sea 40, which has been specially adapted for treating smaller pools ($\approx 30 \text{ m}^3$).



1 Presentation

The new versions of the JD Sel Sea 40, 60 and 100 electrolyzers will be fitted with:

- a new switch-mode power supply (SMPS) control panel (which no longer requires a transformer inside),
- an electrolysis cell, identical in every way to the cell in the previous versions,
- strips for checking the salt content,
- an installation and operating manual in three languages.

These new versions (control panel and/or cell) are 100% interchangeable with the previous versions.

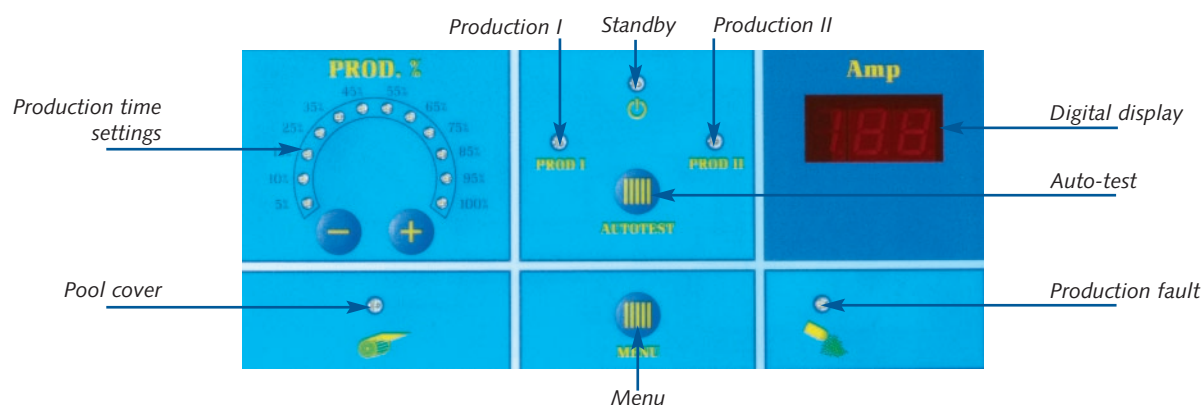
2 Technical characteristics of the new control panel

This new control panel benefits from new technology: an electronic SMPS. This makes for greater electrical output and means that the main settings can be adjusted without opening the control panel (polarity reversal duration, automatic pool-cover slaving, etc.).

This new compartment has also been designed so as to ensure IPX5 water resistance, meaning it can be installed outdoors (close to the filtration electrical control panel, for example).

Important: We would remind you that, in accordance with the requirements of French standard NF C 15100 (latest version), all electrical control panels must be installed by a qualified electrician, at a distance of at least 3.50 m from the pool.

Functions on the control panel



- **+/- buttons for setting production time:** These buttons are used to adjust sodium hypochlorite production in relation to filtration time.
- **Standby and Production I and II indicators:** These enable the user to determine the status of the machine: Production I, Production II (depending on whether or not the polarity is reversed) or Standby.
- **Production Fault indicator:** This warns the user of any faults that may occur (not enough salt, water temperature too low, electrode scaled up or faulty).
- **Automatic Cover indicator:** The new JD Sel Sea compartment automatically reduces production of sodium hypochlorite when the cover is closed (connection via dry contact once the cover is completely closed).
- **Autotest button:** This enables the user to check that all the main functions are operating correctly. If this is not the case, error codes will be displayed so that the breakdown can be targeted directly (electronic type OK but electrode worn or scaled up, short circuit, voltage too low, etc.).
- **Menu button:** This button gives the user direct access to the device's main functions, in order to modify:
 - the polarity reversal duration;
 - production levels when the automatic cover is closed;**or to check:**
 - the device's cumulative operation time in hundreds of hours;
 - the voltage across the electrode (in volts).
- **Digital display:** This enables the user to check production or display error codes during an autotest.

3 Packaging



Each JD Sel Sea is delivered with:

- One T-shaped cell
- One Ø 75 mm, 90°, M/F elbow
- Two Ø 75 mm, 90°, F/F, pressure elbows
- Two Ø 75 mm, F/F, pressure sleeves
- One tee + one electrode support nut
- Two lugs + two caps
- One 75/63 mm adapter
- One plug
- One clear 320 mm tube

Packaged in a cardboard box measuring 500 x 350 x 350 mm. Total weight: 11 kg

4 Coding

As these new versions are completely interchangeable with the previous versions, the item codes have not been modified for the JD Sel Sea 60 and 100. However, the referencing of the JD Sel Sea 40 has required the creation of new codes:

JD SEL SEA 40	Forez Piscines Ref.	18997
JD SEL SEA 60	Forez Piscines Ref.	17064
JD SEL SEA 100	Forez Piscines Ref.	17065
JD SEL SEA 40 PLATE	Forez Piscines Ref.	19000
JD SEL SEA 60 PLATE	Forez Piscines Ref.	17066
JD SEL SEA 100 PLATE	Forez Piscines Ref.	17067
JD SEL SEA 40 CTRL PANEL	Forez Piscines Ref.	18998
JD SEL SEA 60 CTRL PANEL	Forez Piscines Ref.	17068
JD SEL SEA 100 CTRL PANEL	Forez Piscines Ref.	17074
JD SEL SEA 60 REPL. CELL	Forez Piscines Ref.	17070
JD SEL SEA 100 REPL. CELL	Forez Piscines Ref.	17071
JD SEL SEA 60 REPL. PLATE	Forez Piscines Ref.	17072
JD SEL SEA 100 REPL. PLATE	Forez Piscines Ref.	17073

You will notice that spare Y-shaped cells for old JD Sel Sea electrolyzers are still available.

5 Warranty

The JD Sel Sea electrolyser is guaranteed for 3 years (electrical parts and cell) from the date on which it is purchased by the end customer. This guarantee covers all defects observed during this period that are not due to incorrect operation by the customer. The manufacture is solely qualified to determine the action to be taken in the event of recourse.

6 Accreditation

The new versions of the JD Sel Sea 40, 60 and 100 electrolysers have undergone complete inspection by the APAVE and have therefore received official accreditation which confers upon them all the guarantees required by the electrical standards in force, in particular with regard to safety.

7 Technical documentation

In order to make it easier to install, use and manage spare parts for JD Sel Sea electrolysers, the following technical documents are available:

- Trilingual exploded-view drawing of the JD Sel Sea electrolyser – Revision 0.1 of 17/03/2008
- Trilingual technical manual for the JD Sel Sea electrolyser – Revision 0.1 of 17/03/2008

We recommend that you carefully file these documents for future reference.

8 After-Sales Service for the JD Sel Sea 40, 60 and 100 systems

These new versions of the electrolyser have been specially designed to make after-sales service easier, and thus make it possible to resolve customer breakdowns on site (so as to reduce repair times, delays and costs due to transport, etc.).

This is why we have created – in partnership with Pacific Industrie – an after-sales kit which will provide you with all the elements you need to manage after-sales service for JD Sel Sea models. This kit will contain, among other things, replacement plates, electronic boards and fuses. All of these elements can be found on the exploded-view drawing for the product concerned. A specific procedure for replacing spare parts will also be delivered with the kit.

JD SEL SEA 40, 60 and 100 AFTER-SALES KIT	Ref. Forez Piscines	19001
---	---------------------	-------

Pacific Industrie has also set up an "after-sales troubleshooting hotline", on the following numbers:

- for the network in France : **+33 (0)5 53 35 69 06**

- for the **Export network (English): +33 (0)5 53 35 69 02**

Training for JD Sel Sea products will be provided by the manufacturer, Pacific Industrie, via the training school. This will enable you to acquire the skills and knowledge necessary to use and repair these products with the aid of the after-sales kit.

9 Availability

This new version of the electrolyser will be available from April 2008, as soon as current stocks are exhausted.



Piscines Desjoyaux
Z.I. du Bas Rollet • BP 280
F. 42486 La Fouillouse cedex

Tél. 33 (0) 477 36 12 12
Fax. 33 (0) 477 36 12 10
<http://www.desjoyaux.com>