



Although ionophoresis is associated with [laboratoires i2M](#), our devices have been the reference in the treatment of excessive perspiration for over the last fifteen years. Most of the scientific studies in France have been carried out with our products.

The fast results obtained with an average of one maintenance session per month with our equipment provides a truly effective treatment.

Careful attention to the needs and expectations of our clients allows us to constantly propose perfectly adapted products.

IDROSTAR®: Made for private individuals, it provides a relay for home treatment. Light and easy to carry, it operates with batteries.

I2mA®: Intended for professionals, it operates with batteries. This has been the reference for over fifteen years.

IOMAX4®: This is smart automation. It allows both hands and feet to be treated at the same time. It also operates with batteries.

During use, for safety reasons, all of these devices are perfectly insulated from the mains.

A precursor in the field of safety, [laboratoires i2M](#) comply with the SECURITAM (French consumer safety) « *recommendations concerning ionophoresis apparatus* of 3 July 1996 » that expresses strong reservations concerning the safety of apparatus directly connected to the mains.

Now we can let you discover the details of our series of products. We are fully available for any additional information that you may desire.

HAND-FOOT HYPERHYDROSIS

Perspiration is a physiological phenomenon. The term hyperhidrosis is used when it becomes disabling due to an excess.

Hyperhidrosis may be the symptom of a general disease (hyperthermia, hyperthyroidism...). In this case, the treatment aims at the initial cause.

When the cause has not been identified, it is divided into three categories:

- Essential hyperhidrosis, undisguised.
- Emotional hyperhidrosis (often related to the former).
- Acrocyanosis-related hyperhidrosis.

These hyperhidroses are relatively common, contrary to widespread thought.

The intensity of the moistness of the fingers, palms and feet varies, sometimes to a degree that presents serious social consequences.

Hyperhidrosis is usually well dissimulated. People suffering from it employ all sorts of strategies to hide their disability. This ranges from a collection of handkerchiefs in the pocket to the change of shoes several times a day right until the avoidance of all social contact.

IONOPHORESIS

Introduced in France by **laboratoires i2m** over fifteen years ago, the efficacy of the treatment of hyperhidrosis with ionophoresis is no longer questioned. A great many scientific publications have confirmed its efficacy.

The principle is based on a current given off by a generator. Tap water is used as the conductor between the electrode tank and the subject's skin.

METHODOLOGY

The patient places his hands or feet in the electrode tank.

Tap water is poured into the tanks. The apparatus is then set at the optimum intensity (manifestation of a sensation of stinging or discomfort).

PROTOCOL

Seven to eight sessions are required during the first month. Each session lasts for twenty minutes for the treatment of two hands or feet, forty minutes for both hands and feet with the **IDROSTAR®** or **I2mA®** or only twenty minutes for both hands and feet with the **IOMAX4®**.

The treatment is symptomatic. It suspends the disorder but does not eliminate it. The recurrence of perspiration requires a maintenance session whose frequency ranges from three weeks to three months.

CONTRA-INDICATIONS

Only patients with a pacemaker present a formal and understandable contra-indication for this type of treatment. It is prudent to avoid using this method in pregnant women. Since the subject's collaboration is necessary for the treatment, children under ten years of age and the mentally disabled can not benefit from this treatment.



IOMAX4®

THE NEW DEVICE FOR THE TREATMENT OF HAND-FOOT HYPERHYDROSIS

The new device for the treatment of Hand-foot hyperhidrosis is made with the same concern for efficacy as the predecessors. It revolutionises the treatment of hyperhidrosis with its smart automation.

It can be used to simultaneously treat both hands and feet, thereby dividing the treatment time by two. The patient can be fully autonomous for a palm treatment. He is able to manage the increase or decrease in the current directly from the tanks due to the optic fibres.

Why optic fibres ? Rather than automation involving average treatment constants in no case adapted to each patient, we preferred innovating by developing this system of control that allows the treatment to be adapted to the individual.

The **IOMAX4®** operated with batteries and, of course, benefits from the latest technical innovations, MOSFET converter, large LED indicators, charge and discharge indicators for the battery with sound signal, timer adapted to the length of treatment, protection against inopportune current reversals, automatic power cut-off if forgotten.

All components in contact with the water are made of stainless steel.

The **IOMAX4®** comes complete with two pairs of reference cords, four stainless steel clips, two hand tanks, two foot tanks, four stainless steel electrodes, four plastic grids, a battery charger and a leaflet.



CE 0499

I 2 M A[®]

TREATMENT OF HAND-FOOT HYPERHYDROSIS

The **i2mA[®]** has been used as a reference for 15 years. A great many scientific articles have been published on it when it came out.

The **i2mA[®]** operates with batteries. It includes:

- A green « on » light indicating that the batteries are well charged, (if not, this light turns red and a sound signal informs you of this).
- A pole changing switch that avoids all handling during a session.
- A « threshold » light indicating the optimum treatment current.
- A display graduated from 0 to 30mA.
- A « mains » light indicating that the apparatus is under charge.

All components in contact with the water are made of stainless steel.

The **i2mA[®]** comes complete with one pair of reference cords, two stainless steel clips, two hand tanks, two foot tanks, four stainless steel electrodes, four plastic grids, a battery charger and a leaflet.



CE₀₄₉₉

i2M

IDROSTAR[®]

TREATMENT OF HAND-FOOT HYPERHYDROSIS AT HOME

The maintenance sessions last for several years. They may continue at home with the IDROSTAR[®]. The device is preferably delivered on medical prescription by the practitioner who determines the frequency of the sessions.

One or two annual consultations are recommended to guarantee the proper evolution of the treatment.

IDROSTAR[®] uses the same principle as the **I2mA[®]** although the presentation is different (Cf. photo).

- A large setting button that is easy to use.
- A green « on » light that turns red when in the treatment zone.
- A pole changing switch that avoids all handling during a session.
- A digital display graduated from 0 to 30mA.

All components in contact with the water are made of stainless steel.

The device comes in a case. The two sides of the case are used as the tanks. The **IDROSTAR[®]** has a pair of stainless steel electrodes, two plastic grids, one pair of cords, one pair of stainless steel clips, four LR5 alkaline batteries and a leaflet. The packaging is optimised to make it portable.

IDROSTAR[®] for obvious safety reasons, operates with four ALKALINE AA or LR6 1.5 volt batteries that provide a minimum autonomy of about three sessions. Rechargeable batteries may also be used (accessory not included).



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I D R O S T A R

TECHNICAL CHARACTERISTICS

- Name: IDROSTAR®.
- Electric classification: L.F. device class 2.
- Power supply: 4 x LR6 ALKALINE (AA) batteries or cadmium nickel rechargeable batteries.
- Output voltage: 43 volts / 1000 ohms.
- Length of continuous operation: 50 minutes.

Specific features:

- Galvanic insulation of the power supply.
- Digital display from 0 to 30 mA.
- « Threshold » indicator corresponding to the intensity recommended for the treatment.
- Pole changing switch.
- « On » light.

Accessories:

- The IDROSTAR comes in a case that is used as the treatment tanks.
- 2 x stainless steel electrodes.
- 2 x stainless steel clips.
- 2 x plastic grids.
- 2 x 1m50 cords.
- 1 x leaflet.
- 4 x alkaline AA batteries.

Dimensions of the unit (L x w x h): 335 x 270 x 85 mm.

Net weight: 2.2 kg.

Device that complies with CEI standard 601-1 / CEI601-2-10 / CEI 601-1-2/ EN55011 / CEI 801-3/ CEI 801-2.

Guaranteed for two years.

Made in France.



I 2 M A

TECHNICAL CHARACTERISTICS

- Name: I2MA.
- Electric classification: LF device class 2.
- Power supply: lead batteries 4 volts/5Ah.
- Battery charger: 12 Vac / 800 mA nominal.
- Outlet voltage: 43 volts / 1000 ohms.
- Length of continuous operation: 2 hours.

Specific features:

- Galvanic insulation of the power supply.
- Galvanometer graduated from 0 to 30 mA.
- « Threshold » indicator corresponding to the zone of intensity recommended for the treatment.
- Pole changing switch.
- « On » light.
- Sound and visual indicator of the state of the batteries.
- Visual indicator when the device is being charged preventing the use of the machine.
- The outlet polarities of the device and the cords is detected for the treatment of warts.

Accessories:

- 2 x hand tanks.
- 2 x foot tanks.
- 2 x stainless steel hand electrodes.
- 2 x stainless steel foot electrodes.
- 2 x stainless steel clips.
- 4 x plastic grids.
- 2 x 1m50 cords with polarity indicator.
- 1 x battery charger.
- 1 x leaflet.

Dimensions of the central unit (L x w x h): 220 x 55 x 100 mm.

Dimensions of the hand tank (L x w x h): 298 x 218 x 35 mm.

Dimensions of the foot tank (L x w x h): 321 x 212 x 85 mm.

Net weight: 4.75 kg.

Device complies with standard CEI 601-1 / CEI601-2-10 / CEI 601-1-2/ EN55011 / CEI 801-3/ CEI 801-2.

Guaranteed for two years.

Made in France.

CE 0499

i2M

I O M A X 4

TECHNICAL CHARACTERISTICS

- Name: IOMAX4.
- Electric classification: LF device class 2.
- Power supply: Pb batteries 12 volts/5Ah.
- Battery charger: 12 Vac / 800 mA nominal.
- Outlet voltage: 2 X 30 volts / 1000 ohms.
- Length of continuous operation: 2 hours.

Specific features:

- Galvanic insulation of the power supply.
- Automatic shut-down of the device if forgotten.
- Visual indicator of the state of the battery.
- Sound and visual indicator of the state of the batteries.
- « On » light.
- Integrated chronometer, one full revolution corresponds to 10 minutes.
- Large LED indicators and use of MOSFET technology for the converter.
- Manual management of the intensity of the treatment current on a front panel or by means of optic fibres placed directly in the hand tanks.
- The optic fibre provides full autonomy during palm treatment and enables treatment of the hands and feet at the same time. The session is twice as fast.
- Front watertight LEXAN panel.
- Visual indicator when the device is under charge preventing the use of the machine.
- The outlet polarities of the device and the cords is detected.

Accessories:

- 2 x ergonomic hand tanks.
- 2 x ergonomic foot tanks.
- 2 x stainless steel hand electrodes.
- 2 x stainless steel foot electrodes.
- 4 x stainless steel clips.
- 4 x plastic grids.
- 4 x 1m50 cords with polarity indicators.
- 1 x battery charger.
- 1 x leaflet.

Dimensions of the central unit (L x w x h): 330 x 213 x 105 mm.

Dimensions of the hand tanks (L x w x h): 354 x 223 x 30 mm.

Dimensions of the foot tanks (L x w x h): 335 x 223 x 60 mm.

Net weight: 8.25 kg.

Device complies with standard CEI 601-1 / CEI601-2-10 / CEI 601-1-2/ EN55011 / CEI 801-3 / CEI 801-2.

Guaranteed for two years.

Made in France.

