



Introduction

The **Smart Dryer Li-ion** is a Medical Device designed to accommodate the **Sivantos Group's** lithium-ion charger. During the charging cycle, the **Smart Dryer Li-ion** combines UV-C and dehumidification of hearing aids.

Specifications

Automatic stop of UV-C

- Opening the lid turn off the UV-C lamp

Easy start

- The cycle begins when at least one hearing aid is present.



Dehumidification system

- The temperature is self-regulating at around 30 °C / 86 °F thanks to the microprocessor
- Optimized and homogeneous airflow
- Extraction of moisture

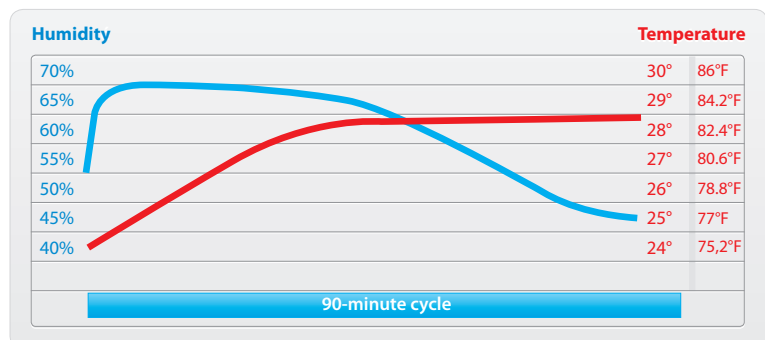


UV-C system

- The UV-C lamp reaches all sensitive areas of hearing aids.

Microprocessor for optimal control

- Dehumidification system
- UV-C System



Directives

This product meets the requirements of :

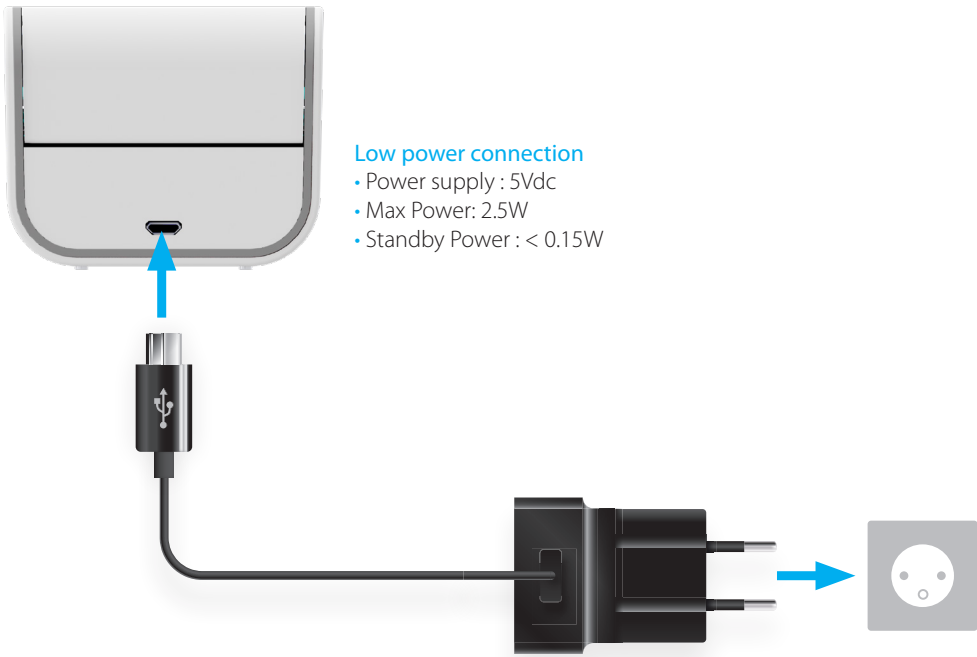
- Directive 93/42/EEC - Concerning medical devices, reviewed and amended by Directive 2007/47/CE.
- Directive 2014/35/EU - Harmonization of the laws of the Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limits.
- Directive 2014/30/EU - Harmonization of the laws of the Member States relating to electromagnetic compatibility.

- Directive 2017/2102/EU - Restriction of the use of certain hazardous substances in electrical and electronic equipment.
- Directive 2012/19/EU - Waste electrical and electronic equipment (WEEE).

Standards

- IEC 61010-1:2010 (June 2010) - Safety requirements for electrical equipment for measurement, control, and laboratory use.
- IEC 61326-1:2012 (July 2012) - Electrical equipment for measurement, control and laboratory use – EMC requirements.

Electrical specifications

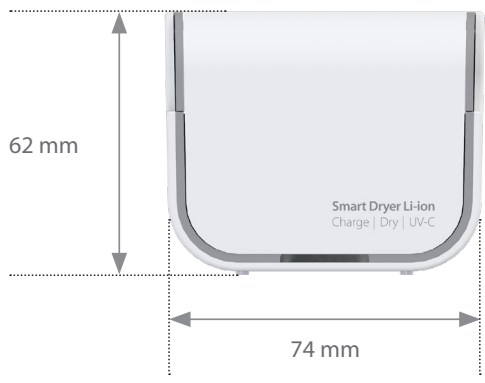


- Low power connection**
- Power supply : 5Vdc
 - Max Power: 2.5W
 - Standby Power : < 0.15W

5V adapter
Use **only** power and cable supplied with the Lithium Ion Charger.

Mecanical specifications

- Weight: 150g



Properties

The Smart Dryer Li-ion integrates the Signia Smart Li-ion Charger by adding dehumidification and ultraviolet functions.

To perform the maintenance with great efficiency, **Smart Dryer Li-Ion** operates thanks to a microprocessor that optimally controls the various technologies involved:

- **Dehumidification.** Temperature maintenance is controlled by the electronic system which allows to achieve a constant temperature of 30 ° C / 86 ° F, in order to prevent damage on hearing aids and batteries performance.
- **UV-C.** The ultraviolet system with a short wavelength allows to reach all sensitive surfaces of the hearing aid. The tests are consistent with the requirements for UV-C of medical field.

Indications

The **Smart Dryer Li-Ion** is recommended to dehumidify all rechargeable lithium hearing aids of the Sivantos Group, in order to avoid moisture-related failures. Regular use increases the life of hearing aids and preserves their effectiveness.

Usage Tips

Clean your hearing aids to remove excess dirt.

To start the cycle, place the hearing aids and close the lid.

The blue LED flashes slowly during the entire charge time of the hearing aids.

The optimal time of dehumidification is 90 min., if the duration of charge is shorter, the dehumidification will finish its cycle of 90min.

When the hearing aids are charged, the LED turns fixed blue. When the dehumidification is finished, the LED turns off.

The **Smart Dryer Li-Ion** stops automatically when hearing aids are charged. It is possible to simply stop the maintenance cycle by removing the hearing aids.

Precautions

Put **Smart Dryer Li-Ion** on a dry, stable support.

To unplug, grasp the plug, not the cord.

Clean with a soft cloth.

Do not use abrasives to clean **Smart Dryer Li-Ion**. Do not spray liquid into the unit.

Keep **Smart Dryer Li-Ion** closed when not in use to prevent dirt deposits.

Do not put **Smart Dryer Li-Ion**, the power cord or plug in water or any other liquid.

Keep out of reach of children.

Any intervention other than cleaning and normal maintenance by the customer, must be done by the aftermarket manufacturer or by an authorized professional service.

If the power cord or plug are damaged, do not use the device and change immediately.

Replace your AC adapter with a genuine model.