



Product Information

Dry & Store® is an electrical appliance for nightly use at home to store and care for all types of hearing instruments, including hearing aids, cochlear implant hardware, noise/tinnitus maskers, and ear monitors. It combines the three essential elements needed for effective drying: heat, moving air, and a charged desiccant to adsorb the moisture that is released. During the first three minutes of the Dry & Store Global cycle, a germicidal lamp sanitizes the hearing instruments, after which conditioning continues for 8 hours. The unit then automatically shuts off, continuing to store the instruments safely until they are needed.

Physical Properties

- Outside dimensions: 180 mm x 99 mm x 91 mm (7.1" x 3.9" x 3.6"). Weight: 907 g (2 lb.).
- Drying tray has two compartments, a large drying area on the right which measures 102 mm x 90 mm x 25 mm (4" x 3.5" x 1"), and a small compartment on the left for the desiccant.

Power Supply

Input: 100-240 volts AC, 50/60 Hz, 1.0A maximum. Output: 24 VDC at 15W maximum. The default AC Adapter has a US/Japan plug, but Schuko (European), UK, or Australian plugs are available.



Operating Features

- Dry & Store Global operates at a temperature range of 96.8° to 104° F (36° to 40°C), and it will function properly at indoor ambient temperatures from 65° to 86° F (18° to 30° C). Unit turns off automatically after eight hours unless interrupted, but the normal cycle can be interrupted at any time by opening the lid. The germicidal lamp operates only during the first three minutes (see below).
- In just three minutes, the UV germicidal lamp delivers more than 1,000 joules/square meter, producing enough germicidal energy for a 99% kill on common microorganisms found in the external ear canal. Elimination of this flora from hearing aids can significantly reduce itching and the reintroduction of infection-causing bacteria into the ear canal. At 4 watts, the UV lamp is a surface sanitizer only, and it has little to no penetrating power. This means that it is not damaging to plastics or earmolds. The UV lamp has a life expectancy of many years, but it is user-replaceable if needed. (NOTE: Dry & Store is not designed to diagnose, prevent, monitor, treat, or alleviate disease.)
- Ball-bearing fan continuously circulates warm, dry air for the entire operating cycle, causing moisture to move out of the hearing instruments by diffusion. A desiccant in the airflow path strips the moisture out of the air, ensuring continuous dry operation. Dry & Store will remove the moisture from cerumen, decreasing its volume and making it easy to remove.

Desiccant

Dry & Store Global ships with a single disposable Dry-Brik® desiccant that also contains activated carbon for odor absorption. In most parts of the world, users will require 6 to 7 Dry-Briks per year, changing them once a month during warm weather and every two to three months the rest of the year. Dry-Briks may need to be changed monthly in tropical, sub-tropical, or other high humidity locations. A rechargeable can desiccant is available as an accessory in many parts of the world.

Battery Removal

Batteries do not have to be removed from hearing aids before Dry & Store use. Independent tests by Eveready Battery Co. on their Energizer/Amplifier® zinc-air batteries showed a 10-20% gain in battery life under high humidity conditions. This was confirmed by a user survey which showed that over half of Dry & Store users noted longer zinc-air battery life.

Safety & Regulatory

Certified to ETL, UL, CSA standards. CE marked.

Patents

U.S. patents 5,640,783, 5,852,879, and D467-394. Australian patent 732268. European patent 0980267. Other international filings, including Japan, are pending.

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Ear Technology Corporation

PO Box 1017, Johnson City, Tennessee 37605-1017 USA Phone: 423-928-9060 Fax: 423-928-0515 Orders: 800-327-8547
www.dryandstore.com