



Recommendations for Coriolis[®]μ Battery



Description

The Coriolis μ battery is a nickel–metal hydride cell, abbreviated NiMH. It is a type of rechargeable battery similar to the nickel–cadmium cell. The energy density of a NiMH cell is necessary for the use with Coriolis μ that requires 100W for 300L/min operation. Inherent to the NiMH technology, the rate of self-discharge is important. This means that a stored NiMH battery will lose charge.



05027-622-RD001
Battery of Coriolis μ

Reminder: the battery is not covered by warranty.



Recommendations

The Coriolis μ can be either used on main supply or on battery:

1. Handle the battery with precautions as it is a fragile component
2. Always insert a battery that have been previously fully charged
3. Even if a battery is inside and the Coriolis μ is plugged to main supply, Coriolis μ selects automatically the main supply
4. Do not connect the Coriolis μ to main supply while Coriolis μ is collecting
5. Connecting the Coriolis μ to the main supply does not charge the battery
6. Remove the battery if you do not use Coriolis μ or for shipment



Coriolis μ



Charge

Charge : 4 hours

The battery has to be charged separately with battery charger 05027-600-PL010. The light colour of the battery charger gives the level of charge:

- Yellow: no battery / charge initialisation
- Orange: fast charge
- Green / Yellow flashing : end of charge
- Green : charged
- Orange / Green flashing : error



Maintenance



You must charge the battery for 4 hours, every 4 months, even if the Coriolis μ is not used.

If the battery is not charged on a regular basis, irreversible damages may occur.

For further information, read the user manual 05027-006-DU002, page 23