



RECOMMENDATIONS FOR CORIOLIS® M BATTERY

Coriolis micro AIR SAMPLER

/ 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.



S001093-CORM0-A.O
Battery of Coriolis μ

/ RECOMMENDATIONS

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

1. Handle the battery with caution as it is a fragile component
2. Remove the battery for shipment
3. Always insert a battery that have been previously fully charged
4. If the Coriolis® μ is plugged to the main supply & the battery, the main supply is automatically selected
5. Connecting the Coriolis® μ to the main supply does not charge the battery

/ CHARGE

Charge : 3 hours

The battery has to be charged separately with battery charger. The light color of the battery charger gives the level of charge:

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

/ MAINTENANCE

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



You must charge the battery for 3 hours:

- Every 2 months, even if the Coriolis μ is not used
- After each use, even if it is not completely discharge



Coriolis μ

/ REMINDER

The battery is not covered by warranty.

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

Power Supply

NiMH Battery

NiMH Battery charger