

# BATT SE400 BATTERY MANAGEMENT SYSTEM man

Manage, maintain and move  
up to 28 respirator batteries.  
Ready to use and in peak condition.



**The SE400 Battery Management System takes charge of battery conditioning for all users of the SE400AT-2 positive pressure demand respirator**



# BATT man

SE400 BATTERY MANAGEMENT SYSTEM



**The rechargeable batteries used in the SE400 respirator are of the Ni-Mh type. The SE400 Battery Management System keeps a recharging routine in place that maintains batteries in optimum condition and ready for use at all times.**

The SE400 Battery Management System maintains up to 28 batteries simultaneously. The system continually monitors the state of the batteries and takes them through various charging and conditioning routines to keep them in top working order.

When a battery is placed into the unit, the condition of the battery is assessed. Recharging will start only when the battery reaches a suitable temperature and voltage. If too hot, the system will wait. If too cold or too depleted, gentle pre-charging is applied. This will maximise the lifespan and efficiency of the battery.

Once the battery is fully charged, trickle charging with a low current is applied to bring the battery up to its peak condition.

The SE400 Battery Management System is designed for long-term storage, and keeps track of each individual battery. For instance, batteries that are kept in the system for long periods are automatically discharged and then charged again every 30 days to keep them in top shape.

An indicator next to each slot shows whether the battery is ready for immediate use, that recharging is in progress, or that the battery can be used but is not fully charged.



*The condition of each battery is monitored. Every battery has its own separate LED indicator showing the current status.*



*The Battery Management System is presented in a sturdy suitcase-style case with strong snap-locks and a single power connection for maximum portability. Units are designed to be securely stacked on top of each other.*



The  
**S.E.A.**  
Group

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