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## RetroSign - Battery Use and Replacement

The instrument is powered by a NiMh battery, which under normal use requires no maintenance. A battery charger is provided as a standard accessory for charging the battery from mains.

To recharge the battery first make sure that the instrument is off, then release the battery retaining spring, remove the battery from the handle and insert it in the charger. **Never** disconnect the battery while the instrument is turned on as this may result in lost data and malfunction of the instrument. Please refer to the enclosed charger instructions for operation.

A new battery or one which has not been used for an extended period of time will reach full performance only after approx. 5 charging and discharging cycles.

The battery is equipped with a temperature monitor that only allows charging within a range between 0°C and 45°C (32°F and 113°F). This ensures long battery life. When used properly, the battery can be recharged up to 1000 times.

A substantial drop in obtainable measurements on a fully charged battery indicates that the battery is worn out and must be renewed.

The battery and the charger are specifically designed for use in conjunction with one another. Charging should be done only with the charger delivered with the instrument.

Do not expose the battery to heat or flames: **Danger of explosion.** Do not place the battery on a heater or expose to direct sunlight for long periods. Temperatures in excess of 50°C (122°F) will damage the battery. Allow a warm battery to cool before charging. When handling or storing the battery take special care to avoid possible short circuiting the battery contacts. Avoid repeated consecutive rapid charges of the battery. Do not recharge after using only briefly.

### Note

- The battery should be protected against impact. Do not open the battery.
- Store the battery in a dry place.
- Due to environmental protection do not dispose the battery with household waste.