

GemOro ULTRADOCK™

BATTERY CHARGING STAND

User Manual



Patent Pending

FEATURES

1. Intelligent Charging Control IC: Equipped with specially designed IC for NiMH rechargeable batteries.
2. Trickle Charging: When the batteries are fully charged, the charging stand has special software that senses and then converts the charging stand to its trickle charging status. This feature will then provide only the needed power to recharge the batteries due to their natural power drain when not in use.
3. Alkaline / Non-Rechargeable Battery VMAX Protection: Alkaline batteries have a higher voltage than the NiMH rechargeable batteries that come installed in all second generation GemOro testers. When alkaline batteries have been installed in the tester, the charging stand senses this change in voltage and stops charging.
4. Re-Start Charging: If the tester has fully charged batteries and it is not taken out of the charging stand, when the voltage in the batteries drops, the charging stand will automatically switch from the normal, fast charging speed and then begin charging the batteries at a speed of 50% of the normal charging speed.

LED INDICATOR LAMP STATUS

The LED lamp at the front of charging stand could indicate any of these 5 different potential types of status:

1. Power On - Green LED flashes 3 times.
2. No Tester Inserted - No LED illuminated.
3. Charging In Process - After the green LED flashes several times, the red LED would remain illuminated.
4. Fully Charged - The green LED would remain illuminated.
5. Abnormal - The green LED flashes on and off.

OPERATION

1. Connect the AC adaptor / charger that came with your GemOro tester to the female receptacle located in the rear of the charging stand. The green LED at the front of charging stand will flash three times, and then go out. The charging stand is now in stand-by status.
2. With NiMH rechargeable batteries installed in the tester, place the tester into the charging stand with the testers rear charging prongs making contact with the corresponding charging prongs on the charging stand. The tester will naturally fall into the proper position due to gravity and its angled design. The green LED will then flash three times and then the red LED will illuminate. This indicates that the batteries are being charged. Please note that the NiMH batteries will be fully charged within 7 hours (depending on the remaining battery capacity).
3. When the green LED remains illuminated, the batteries are fully charged and will remain being charged in the trickle-charging mode.

CAUTION

1. To make sure a proper charging is achieved, turn the tester's power switch to its OFF position when charging.
2. If the charging stand works abnormally, it must be rebooted. To do this you simply unplug the AC adaptor / charger from the charging stand, and then plug it back in. The charging stand would then return to its normal working status.

OPTIONAL AC ADAPTOR / CHARGER FOR ULTRADOCK

The UltraDock charging stand is powered by the multi-voltage 100-240v AC adaptor / charger that comes supplied with all second generation GemOro II testers. The AC adaptor/ charger is also available separately as an accessory.

Stock #0754

