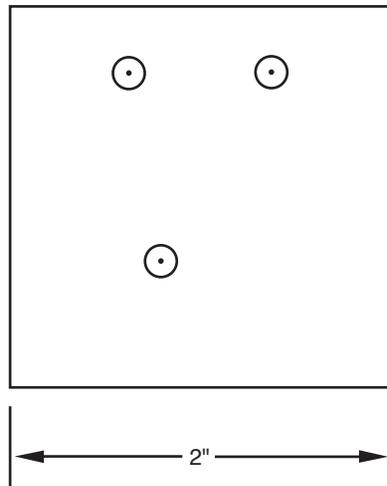


Charger Stand Mounting



The charger stand can be set on a work surface or mounted to the wall. To mount the charger on the wall perform the following steps.

1. Use the pattern above to mark the wall for anchor placement.
2. Drill the holes with a 3/16" drill bit, 1" deep.
3. Insert the three anchor and tap in place with a hammer.
4. Install the screws into the anchors leaving about 1/32 of an inch space between the back of the screw head and the anchor.
5. Place the charger stand over the screws and allow the screw heads to enter the three large holes on the back cover. Slide the charger stand to the left about a quarter of an inch and then down a quarter of an inch.

This kit contains the following parts:

- 1 each nickel metal hydride battery pack
- 1 each charger stand
- 1 each transformer power supply
- 3 each wall anchors
- 3 each mounting screws

Virtual Industries, Inc.
2130 Victor Place
Colorado Springs, CO 80915
U.S.A.

For technical assistance call toll free 1-800-590-2829
Tele: 719-572-5566
Fax: 719-572-5504
8:00 A.M. to 4:30 P.M. Mountain Standard Time



10/31/07

OPERATING INSTRUCTIONS, SPECIFICATIONS AND PRODUCT WARRANTY

PORTA-VAC™ Patented IN STAND CHARGER

Model No. PV2070BQ-RE



Operation of the IN-STAND CHARGER FOR THE PORTA-VAC™

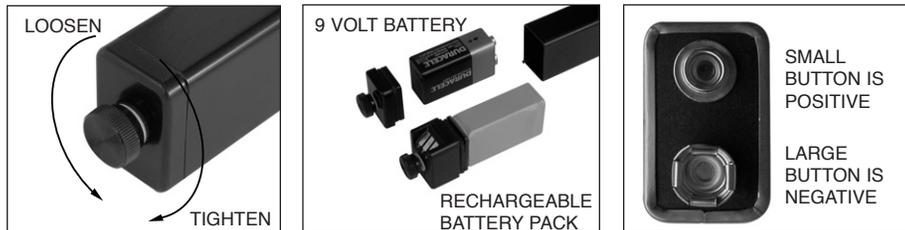
Congratulations on owning a microprocessor controlled battery pack charger. Your charger monitors and charges the battery pack to achieve optimum life and capacity from your Nickel Metal Hydride battery packs. The charging system features the following:

- 120 minute charge time.
- Monitors for the presence of a battery pack.
- The charging stand can be set on the bench top or mounted to the wall.

Battery Replacement

To remove the rear cap or the rechargeable battery pack turn the screw on the rear of the unit ONE turn counterclockwise. The rear cap or battery pack can now be removed with ease. When installing a battery or the rechargeable battery pack always check the polarity. The positive terminal shall be installed towards the top of the tool. To secure the rear compartment turn the screw on the rear of the battery compartment clockwise until it is tight.

NOTE: For use with the PORTA-VAC™ II: Set the battery selection switch to 9.6 volt on bottom of the PORTA-VAC™.



Specifications

OPERATING TEMPERATURE RANGE:

10°C to 45°C (50°F to 113°F)

BATTERY CHARGE TIME:

120 Minutes for a full charge.

DIMENSIONS:

LENGTH	HEIGHT	WIDTH
3.5" (8.9mm)	2" (5.1mm)	2" (5.1mm)

WEIGHT:

Stand:	4 ounces (114 grams)
Battery Pack:	2 ounces (57 grams)
Transformer:	12 ounces (340 grams)

RECHARGER POWER REQUIREMENTS:

24 Volts DC at 500mA

BATTERY PACK VOLTAGE:

9.6 Volts - Nickel Metal Hydride

Operation



Plug the transformer into an outlet and the power connector into the side of the charging stand.

The red POWER indicator should turn on and stay on.

Place the PORTA-VAC™ tool into the charging stand as shown in the picture. The charger automatically detects presence of a battery. The two charge status indicators will both turn on momentarily. The BATTERY CHARGED indicator will then turn off and the BATTERY CHARGING indicator will stay on. The battery is now being charged.

If the battery is drained completely then the BATTERY CHARGING indicator will stay on for up to 2 hours. For a partially charged battery pack BATTERY CHARGING indicator will stay on for a shorter period of time depending on the charge level at the time the battery pack is inserted into the charging stand. When the battery pack reaches full charge the BATTERY CHARGING indicator will turn off and the BATTERY CHARGED indicator will turn on and stay on. The PORTA-VAC™ can be left in the stand-overcharging will not occur. The charger will deliver periodic maintenance charge pulses to compensate for the self-discharge characteristics of the battery pack.

ERROR CONDITIONS

If the red POWER indicator is not on, check the wall power source.

If the charge status indicators do not turn on when inserting a battery pack then the battery is open. Check to make sure that the contacts on the battery pack are clean and that contacts in it charging unit are also clean. Replace the battery pack if the problem persists. If the charge status indicators both turn on and stay on then the batter pack is defective and should be replaced.

Ordering Information

In-stand charger and wall transformer: Order part number PV2072BQ-RE

9.6 Volt battery pack: Order part number PV2074-RE

Wall transformer specifications, center pin positive with 2.5 ID X 5.5mm OD barrel, 24 Volts DC at 500mA