

Data Sheet 910000-069
 Date September 1997
 File Testers

Rechargeable Battery Cartridge for Snap-Pack® Family of Calibrators

**“Snap-In” Power Pack
 Is Rechargeable/
 Replaceable In
 The Field**

**Snap-Pack® Instruments
 May Be Battery-
 Or Line-Powered**

**Long-life
 Nickel-Cadmium
 Energy Source**

Output: 5V (Nominal)

**Capacity: 2.2
 Ampere-Hours**



The Snap-Pack® Battery Cartridge system is designed to provide a quick and convenient means of recharging Transmation's Snap-Pack® “Family” of Calibrators. It allows these calibrators to be recharged without disassembly, and permits a low or discharged Snap-Pack® cartridge to be quickly slipped out of the instrument, and a new or recharged cartridge re-inserted. The Snap-Pack® cartridge system thus reduces instrument “downtime” to the few seconds necessary to remove an expended cartridge and “snap-in” a new or recharged one. The instrument case need not be opened; the bottom of the Snap-Pack® cartridge constitutes the base plate of the calibrator instrument case. Cartridges are installed and removed through the action of quick-release latches.

The Snap-Pack® Battery Cartridge is available in two configurations to offer a choice in recharging methods. These cartridges may be used interchangeably in any Snap-Pack® Calibrator; the only difference is in the way the cartridges are recharged.

The DC Snap-Pack® is recharged through Transmation Chargers which operate on 120VAC and 240VAC line power. The Model 1004 4-Pack™ Standby Charger recharges up to four Snap-Packs®, in or out of the calibrator. This charger is designed for users who have a number of calibrators which are stored in a central location.

Connection to the charging units are made through recessed “button” contacts on the bottom of the Snap-

Pack® cartridge.

The AC Snap-Pack® contains an AC-to-DC converter. This allows the cartridge to either be recharged or operate the calibrator from line power using a Transmation Transformer on a 6' line cord. The transformer is available for either 120VAC or 240VAC operation.

Snap-Pack® Battery Cartridges are small in size and lightweight. An accessory zippered leatherette case provides protection and convenience in carrying to the job site.



BATTERY TYPE	Nickel-Cadmium
OUTPUT VOLTAGE	5V, nominal
CURRENT CAPACITY	2.2 ampere-hours
RECOMMENDED AMBIENT TEMPERATURE	Charging: 0° to 46°C (32° to 115° F) Discharge/Storage: -40° to 60° C (-40° to 140° F)
RECHARGING TIME	14 hours or less to full charge
LIFE EXPECTANCY	1000 charge/discharge cycles
CONSTRUCTION	Housed in rugged shock-resistant case
DIMENSIONS	91 x 114 x 55 mm (3.57" x 4.5" x 2.15"), HWD
WEIGHT	0.56 kg (1.25 lb.)

Ordering Information

PLEASE SPECIFY

1. Snap-Pack® Battery Cartridge
2. Part Number (select one):
AC Snap-Pack® -P/N 100785-000
(Requires AC Transformer for recharging-
90-130 VAC, 50/60 Hz Transformer-P/N 502226-069
208-240 VAC, 50/60 Hz Transformer-P/N 502226-079

OR

- DC Snap-Pack® -P/N 100724-005
(Requires Charger Model 1004 4-Pack™ Standby Charger
for recharging)



ACCESSORIES

Vinyl carrying case-P/N 759995-012



*Model 1004 4-Pack™ Charger
(shown with Model 1040SP mA, mV, V Calibrator)*