

FUNCTIONAL CHECK INSTRUCTIONS

Read and understand all instructions and the following safety precautions before beginning any work.

SAFETY PRECAUTIONS

DANGER

- Electrical shock hazard. Do not remove cover; there are no serviceable parts inside.
- Explosive hazard. Do not use in the presence of flammable anesthetics.

WARNING

- Disinfect before use with each patient, utilizing standard hospital protocol and disinfectants. Failure to disinfect may cause cross-contamination and infection.
- Do not autoclave. Autoclaving will damage the pump.

CAUTION

- The Functional Check is an optional test, however should you choose to perform the test it must be performed only by qualified technical personnel familiar with good practice for medical device repair.
- Verify proper operation of the pump. Operation of the pump at less than specified flows and pressures may result in poor or reduced patient therapy.

	Warning - Consult accompanying documentation		Manufacturer
	Caution	REF	Model
	Shock Hazard		Do not use with Flammable Anesthetics

TOOLS REQUIRED

Product	Tool	Description
CF300	Tester	P/N 12157
Voltage: 120V	Functional Check Instructions	P/N 100259
Frequency: 60Hz	Manometer	0-50 mm Hg or greater (standard mercury, or digital)
	Tubing	3/16" ID

GENERAL DESCRIPTION

The *Functional Check* Instructions provide a **quantitative** means of determining whether a Care • Free Companion Pump can properly inflate its cushion. An alternate, **qualitative** means to check pump and cushion performance is to follow the **HAND CHECK** described in the *Care • Free Companion Pump Instructions for Use*.

The *Functional Check Instructions* require the use of a Tester tool that simulates the cushion that is normally used with these pumps. If the pump does not meet the outlined requirement, it should be replaced. Repair is not available for these pumps.

PHYSICAL INSPECTION

1. Unplug the power cord.
2. Check tubing and cap for visible signs of damage (kinks, cuts, and cracks).

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3. Check that all 4 feet are firmly attached to the pump.
4. Check power cord and plug for damage.
5. Tip the pump in several directions and listen for any indication of loose parts. Check housings for damage. If there is any indication of loose parts or a damaged housing, discontinue use and contact your local dealer or Stryker's Customer Service.

PRESSURE CHECK

1. Plug in the pump and turn it on. Allow the pump to operate for at least 60 minutes before proceeding.
2. Screw the pump's inflator cap onto the tester. Attach $\frac{3}{16}$ " ID tubing from the manometer to the fitting on the tester (See Figure 1).

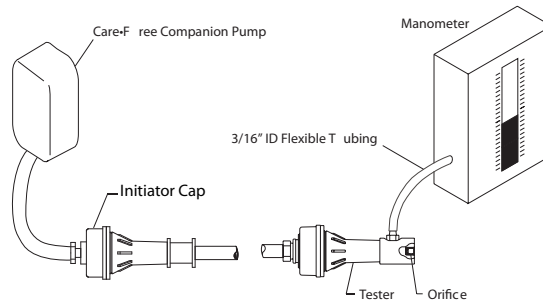


Figure 1—Pressure Test Set-up

3. Plug the orifice on the end of the tester with a finger. Repeat a minimum of three (3) times. With the orifice plugged, the pressure reading on the manometer should be 18-32 mm Hg.
4. With the finger removed from the orifice, the pressure reading on the manometer should be at least 13 mm Hg.

If any of the pressure readings are out of specification, discontinue use and contact your local dealer or Stryker's Customer Service.

CURRENT LEAKAGE

The Care•Free Companion Pump has double insulated construction. It is not necessary to measure current leakage. However, if you choose to do so, refer to UL2601-1 "Medical Electrical Equipment, Part 1: General Requirements for Safety", Sub-clause 19.4g.

GROUND RESISTANCE

Double insulated appliances are permitted to have two conductor cords (refer to NFPA 99 "Standard for Health Care Facilities," paragraph 9-2.1.2.2). Measuring ground resistance is not applicable to the Care•Free Companion Pump.

CLEANING

After completing the Functional Check, clean the pump housing with a mild detergent and damp cloth. Wipe dry with a clean cloth before operating. Do not submerge in water. Do not autoclave.

CONTACT INFORMATION

Contact Stryker Customer Service or Technical Support at: (800) 327-0770 or (269) 324-6500.



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