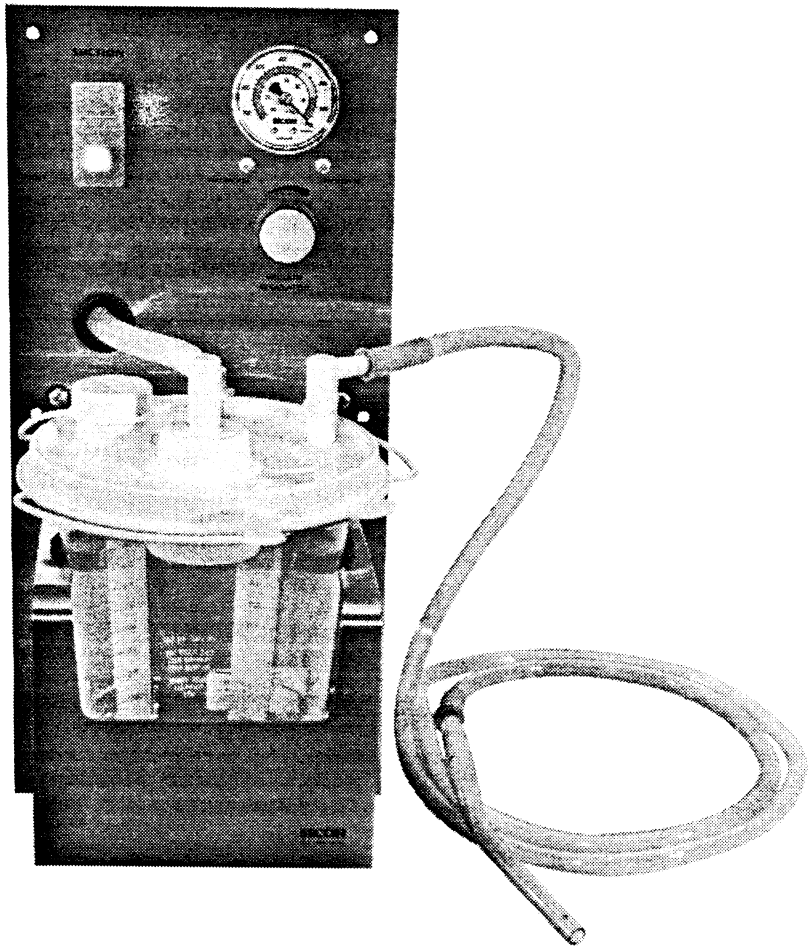


**OPERATING INSTRUCTIONS
AND
MAINTENANCE MANUAL**

S-SCOR/board..3

MODEL 23000



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CAUTION - NOTICE

This Pre-Assembled Suction System is for permanent installation in patient transport vehicles to be used exclusively by professional personnel trained in the techniques of constant suctioning.

A suction tip with a thumb control should be used routinely during the procedure.

Federal law restricts this device to sale, distribution, and use by or on the order of a physician, emergency medical technician, or other medical practitioner.

Operator should be thoroughly familiar with these operating instructions before using.

Do not use in the presence of flammable agents or anesthetics.

The shut-off valve in the canister lid will close down when canister is filled with fluids. See "Canister Instructions", Page 15.

Observe gauge markings and pre-adjust regulator for the anticipated procedure by occluding the patient tube with the HI-D tip removed and the vacuum system running.

Install a new canister before testing for negative pressure over 300mmHg to minimize possibility of implosion, which can occur in instances where a canister is aged or damaged.

GENERAL GUIDELINES FOR NEGATIVE PRESSURE LEVELS

GREEN AREA: Sensitive procedures where negative pressures in excess of 150 mmHg are contraindicated.

YELLOW AREA: For normal evacuation of fluids.

RED AREA: For evacuation of solid materials or highly viscous fluids.

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SSCOR/board..3 Model 23000

Pre-Assembled Suction System

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GENERAL DESCRIPTION

SSCOR/board..3 Model 23000

SSCOR/board ..3 Model 23000 is a completely integrated modular onboard suction system designed for direct connection to the electrical systems of patient transport vehicles. It combines the safety and efficiency of a hospital system with the vehicular demand for rugged construction and durability.

SSCOR/board's vacuum system maximizes the airflow from the vacuum pump to the patient. The powerful vacuum provided by the SSCOR/board ..3 Model 23000 pump is controlled by a vented regulator and can be monitored by an easy to read gauge.

SSCOR/board's durable stainless steel canister holder accepts most hospital grade, non-liner, suction canisters including SSCOR's own 1200cc and 800cc collectors. This eliminates hard to remove bag liners and reduces the cleaning process to the disposal of the canister. In addition to convenience, this feature minimizes exposure to potentially infectious material which could occur during cleaning.

Easily cleaned stainless steel provides years of durable service and protects the collector from blows which could shatter the plastic vessel and render it useless. Room is provided for organized storage of patient tubing.

The system is powered by a 12V DC vacuum pump. It is designed to provide powerful, effective and reliable vacuum for constant suctioning procedures during patient transport. SSCOR/board ..3 Model 23000 exceeds all known performance standards for emergency vacuum (Federal and Regional) when properly installed.

SSCOR/board ..3 Model 23000 relies totally on the vehicle system for electrical power.

IMPORTANT FEATURES

SSCOR/board.3 Model 23000

PUMP

High performance diaphragm vacuum pump with ball bearing construction. Requires no maintenance under normal conditions. Oil-less, requires no lubrication and produces oil free air.

REGULATOR

Provides a method for the user to adjust negative pressure. Vents to atmosphere to prevent accumulation of pressures in excess of a predetermined setting. Ranges from less than 50mmHg to 525mmHg ($\pm 10\%$).

Note- Atmospheric pressure and altitude can affect negative pressure readings by 20% in extreme situations.

CANISTER COLLECTOR

1200cc capacity. A bacterial filter screens airborne particulates and a shut-off valve prevents fluid overflow.

