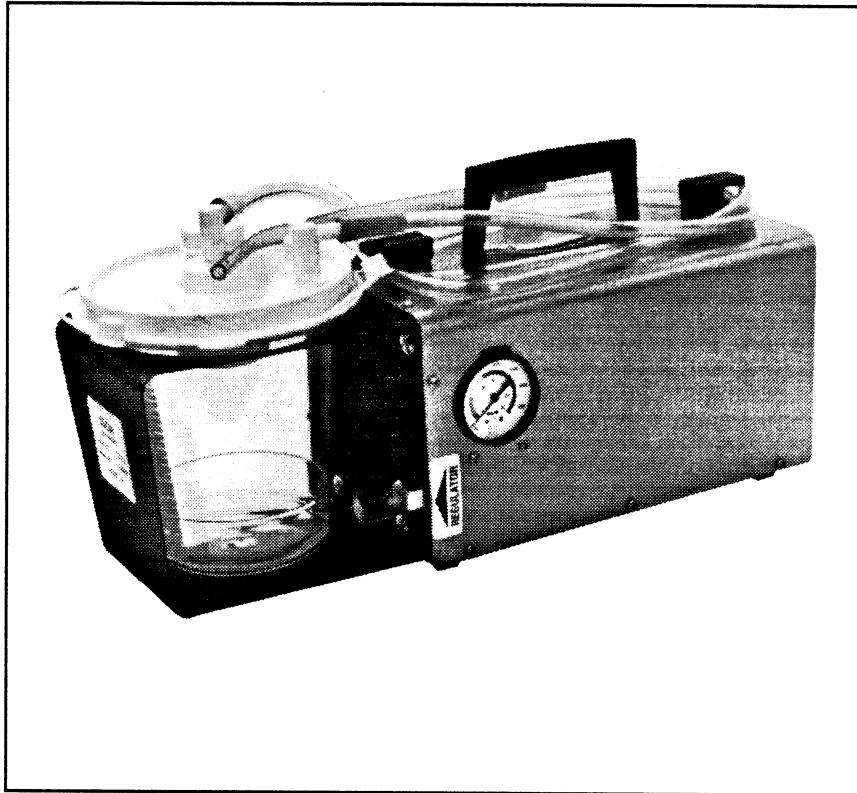


**OPERATING INSTRUCTIONS
AND
MAINTENANCE MANUAL**

S-SCORT..JR.®

MODEL 90032A



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CAUTION - NOTICE

**FOR DC VOLTAGE ONLY.
DO NOT CONNECT DIRECTLY TO 115V AC.
EXCEPT THROUGH SSCOR AC TO DC BATTERY
CHARGER PART # 80533**

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 suction pump must be reconnected to the battery charger after each use and remain connected until needed. Check condition of the battery daily.

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

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.

SSCOR's battery charger charges batteries only. The battery charger will not run the pump.

Table of Contents

Caution-Notice	2
General Description	4
Important Features	5-7
Operating Instructions	8-9
Warning	9
Maintenance	10
Trouble Shooting	11
General Specifications	12
Warranty	13
Replacing Battery Pack and Fuse	14
Electrical Diagram	14
Canister Instructions	15
Pump Drawing and Parts List	16

S-SCORT..JR[®] Model 90032A

Battery Operated - Portable Suction Pump

U.S. Patent D270948

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GENERAL DESCRIPTION

S-SCORT..JR.® Model 90032A

S-SCORT..JR. is a portable, 12V DC battery operated suction pump for constant suctioning during resuscitation emergencies.

“It is powerful enough to provide an airflow of more than 30 liters/minute at the end of the delivery tube and a vacuum of more than 300mmHg when the tube is clamped.”¹

S-SCORT..JR. is powered by sealed lead acid batteries, capable of driving the unit at full power for 30 minutes and at gradually reduced power for an additional 15 minutes. The batteries are recharged by direct connection to the vehicle, or a 115V AC to 13.8V DC fixed voltage charger (included with the unit).

BATTERY CHARGING SUGGESTIONS

In order for the S-SCORT..JR. battery to operate at its' maximum efficiency, it must be charged from a power source that will bring the voltage level of the battery up to 13.8V DC. This S-SCORT..JR. model is equipped to charge the battery two ways, with a 115V AC fixed voltage battery charger and a charging connecting cable for direct connection to the vehicle.

As an example, an active vehicle, running calls around the clock, will do well to charge the S-SCORT..JR. from the vehicle's DC charging system. A vehicle running infrequent calls does not charge itself often enough to keep batteries in the 13V DC operating range and should rely on the S-SCORT..JR. 115V AC battery charger when the vehicle is connected to the shore line. In this instance the connecting cable should be used as backup source of power to run the S-SCORT..JR. from the vehicle during patient transport.

S-SCORT..JR. is designed to provide instant, effective suctioning, independent of external sources of power.

S-SCORT..JR. can be pre-set to be activated immediately upon reaching the distressed patient, with no set up time required during the first few critical minutes of the code.

Suction power is controllable for those instances when full power would be considered harmful to the patient.

All controls are clearly labeled and easily accessible.

S-SCORT..JR. is equipped with a disposable collection canister which features a bacterial filter to screen airborne particulates and a mechanical shut-off valve to prevent fluid overflow.

¹JAMA, October 28, 1992. Vol. 268, No. 16. Page 2203

“Guidelines for Cardiopulmonary Resuscitation and Emergency Cardiac Care”

IMPORTANT FEATURES

S-SCORT..JR.® Model 90032A

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.

ELECTRICAL

Batteries can be charged by direct connection to the DC electrical system of the vehicle. If charging from 115V AC is required, use SSCOR AC to DC battery charger, Part #80533 (included with the unit).

The batteries are sealed lead acid. No acid, vapor or water loss. Can be charged or discharged in any position. Absolutely no "memory" effects as in Ni-Cad.

Fully charged batteries will operate the pump for 30-45 minutes.

CARRYING CASE

Light weight, durable aluminum base with stainless steel cover.

CANISTER COLLECTOR

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

PERFORMANCE

The S-SCORT..JR. exceeds JAMA and KKK standards.

