

Resuscitation Cabinet

Operators Manual

Version 3.01 (20/07/00)
Part Number 0390006



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Introduction

Thank you for purchasing a Viamed Resuscitation Cabinet, if maintained correctly this unit should give many years of trouble free service.

This Manual contains instructions for the operation and maintenance to be carried out by the operator. Viamed is not liable for the proper functioning of any part of this product if it is not operated according to the instructions, if the maintenance recommendations in this Manual are not followed or if repairs are carried out using non-approved components.

Calibration and repairs should be performed only by trained personnel. Maintenance documents are obtainable through your local dealer or direct from Viamed.

The personnel who work with this equipment should read this Manual carefully and should fully understand all instructions contained therein. The Manual should be kept so that it can be easily inspected; it is advisable to store it in an easily accessible place. If you do not understand any function or part of this manual please contact Viamed or a Viamed distributor in order to obtain further information or clarification.

Cabinet

The cabinet has been designed to conceal the internal products when closed and then provide easy access when open.

Excessive weight should not be applied to the drop down front platform.

It is strongly recommended the while in use the patient should be under close observation at all times.

Suction Controller

The Oxylitre S700 series suction controllers are designed specifically for Medical use. It is available in high Suction-High Flow or Low Suction-High Flow models with either direct or remote (rail or "V" male) fittings.

The Suction Controllers comply to ISO 10079-3 1992, BS7259 Pt 2 1993.

Vacuum Source Connector

The S700 series suction controller is available with either a British Standard (BS5682) probe or a 9/16unf L/H fitting. The 9/16 unf L/H connection can be attached to various types of remote fittings i.e. Rail or "V" male mounted, with remote hose assemblies

Patient Inlet Connection

The inlet connection is an integral part of a detachable filter cartridge, which is infact a Disposable Hydrophobic Filtration Unit.

This filtration unit has been designed to prevent the ingress of fluids in to the controller and the pipeline system. (it is a multi-fit unit, designed to fit other manufacturers suction products).

Once the filter has been used for patient therapy or if wetted, for any reason, it must be changed. The unit has been designed so that a chemical coating on the filter membrane will prevent fluid passing through it, and may restrict the flow of suction once wetted.

Vacuum Gauge

The controller is fitted with a easy to read, dual scale colour coded gauge

Scale Readings:

High Suction 0 to 760mmHg (0 to 100kpa)

Low Suction 0 to 200mmHg (0 to 25kpa)

Safety Valve:

The units are fitted with an internal safety valve system. This will protect the suction controller from being damaged in the event of the unit being connected to a positive pressure source.

Suction Control and Safety:

To Increase/Decrease Suction

The control knob is graduated from a positive "OFF" to a maximum "MAX" vacuum position, within a approximately two thirds rotation of the control knob. This has a safety aspect of gaining instant suction at a controlled level of all emergency situations.

A further safety feature is that the vacuum source can be turned off immediately by turning the control knob to the OFF position. This will automatically drain off all the remaining suction source from the suction tubing and receiver jar.

Also unlike some units with the ON/OFF flag/switch system, when the controller is turned ON to the gradients, the suction will increase as slowly or as quickly as the user requires, and not at the point where it was last set, as with the flag type.

Maintenance

A medical suction controller forms part of an essential life supporting system. All suction controllers must be treated with care and serviced on a regular basis (ie Preventative Maintenance) to ensure the units reliability and quality conformance for the purpose that it is intended for.

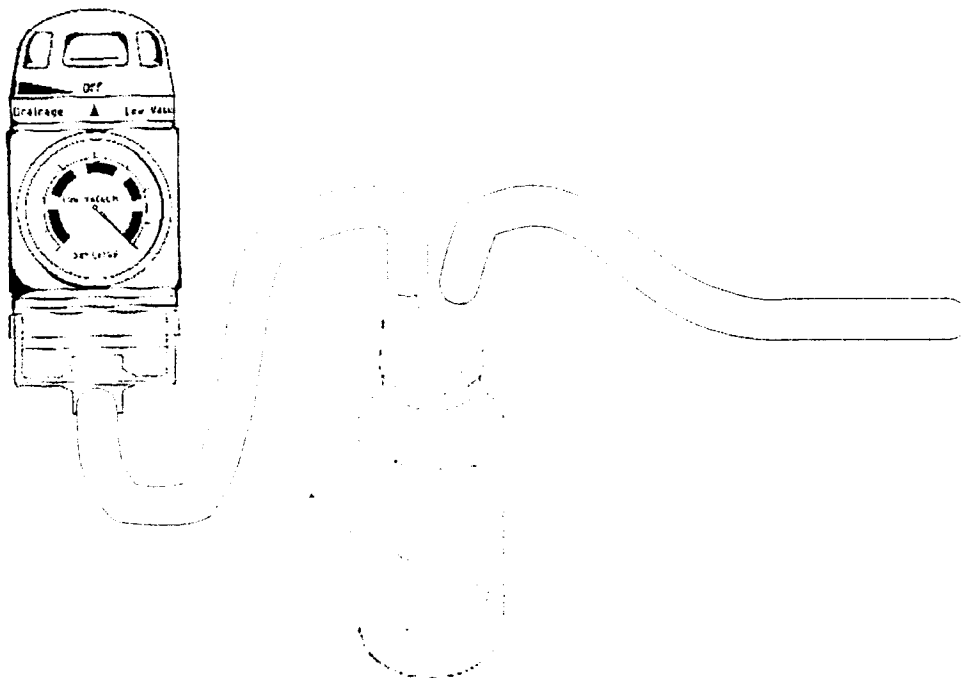
For service enquiries and information please contact Viamed to arrange a quotation etc.

NEVER USE FAULTY EQUIPMENT

Preventative maintenance ensures safety for the patient and user.

Replacement Filters

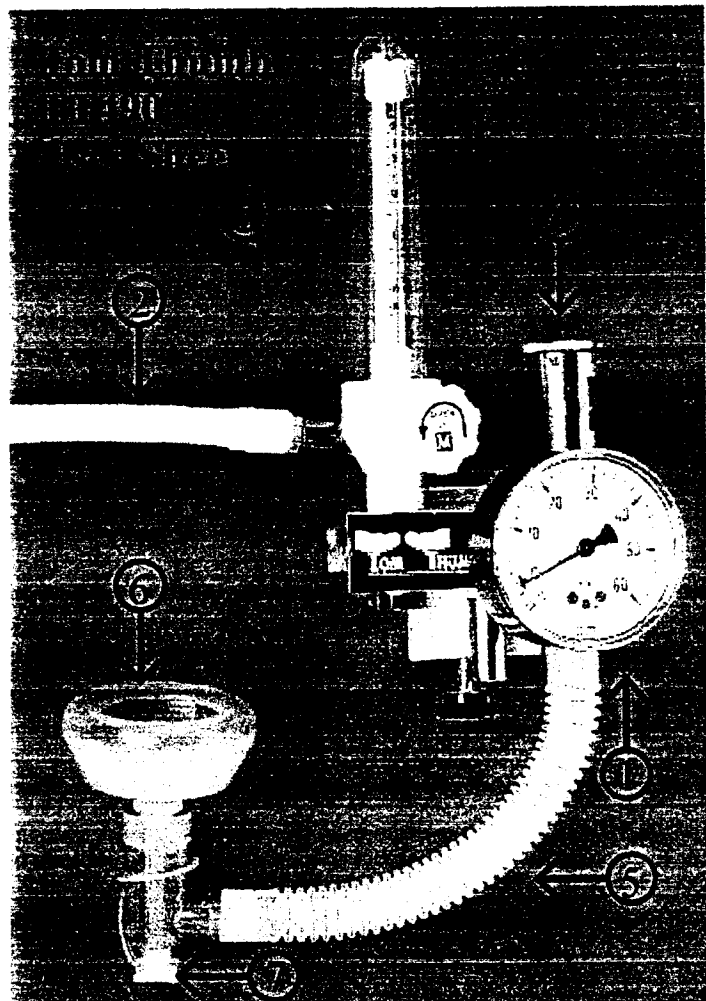
Ref: S750 per box of 30 units.



Timer Model (NS 22G Seconds Timer)

1. Press the red button (stop).
2. Ensure that the time is fully wound by using the key provided for this purpose at the back of the case.
3. Bring both hands to the 60 position by pressing the black button (zero fly back).
4. The timer is now ready for use.
5. To start the timer press the green button; to stop the timer press the red button; for zero fly back press the black button.
6. It is recommended that the zero fly back button (black) should only be pressed if the red button (stop) is pressed beforehand. When the green button (start) is pressed, the zero fly back button (black) should not be used.
7. Special "Stop and Goon" feature:
the timer can be stopped and restarted at any reading to give a cumulative timing. The timer should be fully wound once each day.

Tom Thumb Instructions for use



Tom Thumb User Sheet

Instructions

Disconnect Tom Thumb from all inlet & outlet Hoses & tubes

- ① → Check that the pressure gauge reads Zero. If it does not then Tom Thumb needs servicing
- ② → Attach Flowmeter inlet to the hospital oxygen supply
- ③ → Set flowmeter to read 4-6 L/Minute
- ④ → Adjust blow off valve to minimum (fully counter clockwise)
- ⑤ → Connect Patient tubing (INT 6181) to Tom Thumb but NOT THE PATIENT
- ⑥ → Occlude mask and open port of T piece --- adjust blow off valve until you reach the required pressure
- ⑦ → Tom Thumb is now ready for use

Care of the Tom Thumb

Cleaning

Wipe over the unit with a damp cloth.

Do Not let moisture or foreign matter into either of the blow off valves

General Care

The Tom Thumb has been designed to give a lifetime of service if used correctly. However the gauge will be damaged if the unit is subjected to severe mechanical shock or if the unit is dropped. Tom Thumb should be checked for accuracy every 12 months minimum or when ever the pointer reads outside the black band at zero flow

Choosing a location

The rail bracket on the Tom Thumb is designed to fit most medical rails. However a problem may arise if the rail is mounted very close to a wall or the side of an incubator particularly if the gauge is mounted on the top or end pieces of the Tom Thumb.

A spacer kit Pt No. 9901-22 is available upon request

Parts List

Part number	Description	Parts required	Parts required
		TC400/R	TC400/RS
A52160022	Wall mounted Radiant Heater	1.00	1.00
BA/10	Resuscitation Cabinet	1.00	1.00
FE101431	M2.5 pan head bolt(box 100) for PP8650	0.02	1.00
FE101447	M4 Nut(box 100) for PP8560	0.02	1.00
FE143059	No 6 self tapping screws(box100) for bed	0.06	1.00
FE149690	M5 Washers(box 100) for PP8652	0.04	1.00
FE758693	M4 bolt(box 100) for PP8652	0.01	1.00
INT6181	Patient circuit (one patient use)	1.00	1.00
PP8650	Resuscitation Bed 12"	1.00	1.00
PP8651	Angle bracket for timer	1.00	1.00
PP8652	Brass spacers for Suction controller	2.00	
PP8653	Aluminium plate for suction controller	1.00	
RD0172	Suction Mounting Bracket(special)	1.00	
S6666	Suction hose assembly(3metres)	1.00	
S714916	Low suction controller	1.00	
TC453	Mattress for BA/10	1.00	1.00
TC460	Time elapsed clock	1.00	1.00
TC472	Size 3 box (10 pk)	0.30	0.30
THE2003	Universal rail clamp with 'V'	1.00	1.00
THE2050	Universal clamp with vertical holes	1.00	1.00
THE4302	Suction clear tubing(30M)	0.03	
THE4505	Dovetail (male)	1.00	1.00
THE4508	1/2 litre jar and cage with clamp	1.00	
TT490	Tom Thumb W/Flowmeter	1.00	1.00

Service Contracts Resuscitation Unit

Instruments returned to Viamed:

All instruments should be returned to Viamed in good working order
Units not in good working order may incur extra charges

Instruments serviced on site:

All units to be serviced should be available and in good working order for the engineer
Units not in good working order may incur extra charges

Travel

Travel will be charged at the current rate per hour.

Tom Thumb

Check the unit mechanically
Complete a full function test
Complete a full calibration test and make adjustments if found necessary
Incorporate any upgrades found suitable
Any minor parts used will be included in the price
"O" rings will be replaced when necessary or every 2 years
Any minor parts will be included in the price

Radiant warmer Ceratherm 600

Check the unit mechanically
Check the electrical specification
Complete a full functional check
Complete a full specification test
Complete a safety check to BS5754 and provide certification
Incorporate any upgrades found suitable

Cabinet and accessories

Check all parts mechanically
Check specifications where necessary

Timer

Requires no service

Suction Unit

Check the unit mechanically
Check the electrical specification
Complete a full functional check
Complete a full specification test
Complete a safety check to BS5754 and provide certification
Incorporate any upgrades found suitable

Multiple units which are all available on one visit are subject to a discount on the service price:

Warranty

All parts of this resuscitation cabinet are hereby guaranteed for a period of 12 months from the date of purchase. The best materials and workmanship have been employed throughout every stage of manufacture and every part is thoroughly tested before despatch. This warranty covers any defect in material and manufacture but excludes damage caused by accident, misuse or neglect. Should any component develop a defect within this period it will be repaired or replaced at our option. In the event of a complaint regarding this product purchased outside the UK please contact your local distributor

The service under this guarantee does not affect your statutory rights against your supplier if any component is faulty.