

NovoSci™

Vacuum Assisted Venous Return with the NovoSci Vacuum Controller

In today's medical environment surgeons and perfusionists are utilizing more advanced minimized surgical techniques and seeking alternatives to traditional cardiopulmonary bypass to improve outcomes. The use of Vacuum Assisted Venous Return has been shown to allow increased blood flow rates even when smaller cannula and smaller diameter venous lines are utilized.

innovators
of tomorrow's
technology
today

NovoSci is pleased to offer the newly redesigned Vacuum Control System (VCS) for use in Vacuum Assisted Venous Return. Utilizing the same robust engineering and fluid-motion regulator as its predecessor the new NovoSci Vacuum Control System is sure to maintain its position as a market leader.

FEATURES

- Newly redesigned • Smaller size, more compact and easily mounted
- Robust design for years of use • 10 Year Warranty
- Fluid motion regulator for precise control of pressure
- Easy view gauge eliminates parallax and allows 180° view
- May be disassembled for full cleaning and steam-autoclave sterilization

Patented Linear Gauge:

Allows accurate readings from 180° field of view and never needs calibration. Each pressure range has a unique color coding.

Durable and

fully engineered, the controller offers vacuum regulation from 20 to 90 mmHg with the important addition of a safety vacuum interrupter at -100 mmHg



Mode Selector Valve:

Square knob to easily switch between operating modes (OFF/REG) with the important addition of a safety vacuum interrupter at -100 mmHg

Regulator Adjusting Knob:

Extra large, easy grip knob turns COUNTER-CLOCKWISE to increase suction setting and CLOCKWISE to decrease suction setting. Smooth fluid motion action allows precise regulation of vacuum.

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Key Specifications

- Inlet and outlet fittings: 1/8 NPT, High Flow Barb
- Operating Range is -20 to -90 mmHg.
Do not exceed -95 mmHg regulator setting.
Vacuum interrupter will open at -100 mmHg
- Operating modes are OFF and REG (regulated)
- Gauge accuracy ANSI Class B, $\pm 3\%$ FS (± 3 mmHg)
- Regulation Accuracy: $\pm 10\%$ FS from full flow to zero flow with 14 FR catheter attached
- Leak rate in OFF position: less than 1 cc/min
- Weight: 2.30 lbs, Dimensions: 9½" x 2½" x 7"
- 10 Year Warranty
- Model# VCS

NovoSci has a complete line of cardiopulmonary products including the following accessory packs for Vacuum Assisted Venous Return

VAVRSCP - VAVR Standard Conversion Pack - 8 per case
With vent line, relief valve, moisture trap, sealing caps

H-1136 - VAVD Kit - 10 per case
Vent line with relief valves



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