



BIO-MED
DEVICES

Crossvent 2i+ Stand Alone Infant Transport Ventilator

NICU & Portable / ونتيلاتور نوزاد و اطفال



Ideal to use with the GE Giraffe Shuttle or a variety of in-house transport incubators.



Maintain proper temperature and minimize stress during transport

Whether you need to move a newborn from Labor & Delivery to the NICU or transport from the NICU to surgery or CT, The Crossvent 2i+ will allow initial stabilization to occur much quicker and at lower peak inspiratory pressures. It will also allow for a seamless transition to and from the ICU ventilator by being able to match the modes and settings and provide flow triggering.

A range of modes and alarms

Using the color touchscreen display, operators can easily select the appropriate ventilation mode: Assist Control, SIMV, CPAP, Pressure Support, Flow Trigger or Pressure-limited Constant Flow. Available alarms include exhaled tidal volume, PIP, PEEP, mean pressure, low supply pressure, rate, oxygen concentration and low battery. The Auto Set feature allows the user to set the primary alarms quickly and easily with a single key.

Dependable power

The Crossvent 2i+ Stand Alone can be powered by a compressor, blended gas or 100% oxygen, and its consumption of gas is extremely low. The internal battery provides power during transport and in the event of AC power failure. If the external power should fail, the unit will automatically switch to its battery power and sound an alarm. A fully charged battery will last approximately 3 hours.



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Crossvent 2i+ Stand Alone Pediatric Ventilator

Key Features

- Flow Triggering for the smallest of patients.
- Tidal volume measurement accurate down to 2ml.
- 12 settable patient alarm parameters
- Battery: minimum 2:45 (max 5hrs)
- Touch screen control

All Models Include

- Disposable Infant Circuit
- Disposable Pediatric Circuit
- Pediatric Pneumotach
- Infant Pneumotach
- O₂ High Pressure Supply Hose
- Oxygen Sensor Cell w/ cable
- Infant Test Lung
- Pediatric Test Lung
- External Power Supply
- Instruction/Service Manual

Specifications

Parameter	Range
Rate	5-150 bpm
Tidal Volume	1-150 (in CMV Mode)
Exhaled Tidal Volume	5-750ml
Inspiratory Time	2-100ml
Base Flow	0.10 - 3.0 seconds
Flow Rate	2.5 lpm
Pneumatic Power Source	1-15 lpm
Continuous Flow	17-55 psi (117-380 kPa)
Peak Pressure	1-15 lpm
PEEP Pressure	0-80 cmH ₂ O
Pressure Trigger	0-20 cmH ₂ O
Flow Trigger	-2 to -10 cmH ₂ O (sensitivity scale)
Pressure Support	0-20
SIMV Rate	0-50 cmH ₂ O
O ₂ Sensor	0.6-50 bpm
	21-100%

Physical Characteristics

(28 cm x 25.4 cm x 11.2 cm)
Size: 11" x 10" x 4.4"
Weight: 10.5 lbs. (4.8 kg)

Ventilation Modes

TCPL (time cycled pressure limited) | Assist Control | SIMV
Pressure Support | CPAP

Monitors/Alarms

Standard
Peak Pressure | Rate | Oxygen
Low Battery | Low Supply Pressure
PEEP/CPAP | Mean Pressure
Exhaled Vt | Exhaled Ve

Models

- 2200KC Crossvent 2i+ Stand-Alone
- 2200KCB Crossvent 2i+ Stand-Alone with Blender
- 2200CPI Crossvent 2i+ Stand-Alone for use with the GE Shuttle Package
 - Includes 1005M (oxygen e-cylinder regulator) and 1006 (air e-cylinder regulator) Deluxe Air and Oxygen Regulators
 - Feature a Unique dual gas source capability (connect to tanks and wall at the same time).
 - Access a wall source gas easily and seamlessly without any disruption in flow to the patient.
 - Will not cause loud blender alarms to sound, or drastic swings from 21% to 100% in FiO₂.
 - Built-in O ring tank washer and hand tight knob-provides sure and easy connection.
 - Built-in gauge is virtually indestructible.

Alternate Option: For GE 750i (or a variety of other in-house carts)

- Order Built-in CV-2i+ retrofit package
Comes complete with all hoses, fitting and brackets to installing existing 750i (user installed)
- For models where air/oxygen blenders is already installed on cart:
 - 2200KC Crossvent 2i+ Infant Ventilator
 - 1046 Adapter tee power takeoff for connecting gas supply to Ventilator
 - 2016 Dual flow meter attachment (connects to blender)
 - 2014 12" stainless steel pole and flange assembly (for mounting CV-2i+ to shelf)
 - 2006A Fittings and hose kit (for installing remote circuit connections on side wall of cart for easy access)

- For carts that do not have a blender attached to the cart also need to order:
 - 20063 3'hose for connecting blender to tanks.

Optional items to consider in the event that transporter is not set up to wall source and tank source gas:

- 1005M Deluxe oxygen e-cylinder regulator with unique ability to connect to wall source and tank source gas simultaneously
- 1006M Deluxe air e-cylinder regulator with unique ability to connect to wall source and tank source gas simultaneously.



15' Dual-coiled hoses for wall access



Be sure to order the following from GE when ordering GIRAFFE SHUTTLE
Sliding blender/vent bracket
2 each of e-cylinder brackets



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