



O-Two Single-Use Open Circuit CPAP Delivery System

Award winning, compact, “low flow”, non-invasive ventilation for the respiratory distressed patient

CPAP has been proven to provide an effective method of treating respiratory distress from CHF. The use of CPAP is now being extended to other respiratory problems to provide symptom relief and avoid the need for intubation and ventilation of the patient and ICU admission.

The **O-Two Single-Use "Open CPAP" Delivery System** provides incredibly accurate CPAP delivery for such a compact device. By minimizing the pressure drop on inspiration and the peak pressure on expiration, the O-Two Single-Use "Open CPAP" Delivery System produces a more uniform CPAP pressure throughout the respiratory cycle. This provides a lower work of breathing for the patient when compared to other, commonly used, pre-hospital devices.

Easy to Use

The adjustment of the CPAP level is achieved by adjusting the output flow from your oxygen therapy regulator or wall outlet. The setting selections noted on the device provide an accurate constant airway pressure at each flow setting:

Flow Rate: 8 10 12 15 20 25 (L/min)

Pressure: 5.0 8.0 10.0 15.0 20.0 25.0 (cm H₂O)

O₂ % * 54 59 62 67 73 77

As this is an "Open" system, the device allows un-restricted inspiratory flows, since the patient has access to ambient air.

The high accuracy of CPAP delivery, at the fixed flow settings noted on the device, makes the use of a gauge un-necessary. For those who require the reassurance of a gauge reading we offer our device with a pressure gauge which attaches to the Luer port on the device.

Nebulizer treatments can be provided "in line", with the nebulizer positioned between the face mask and the CPAP unit.

SPECIFICATIONS

CPAP range:	5 - 25 cm H ₂ O
Required therapy flow rate:	8 - 25 L/min
Dimensions (CPAP device only) inches:	1.6 dia x 2.3
mm:	40.6 dia x 58.3
Weight with Face Mask and Tubing:	4 Oz. (0.1 Kg.)
Input Connection:	Oxygen Therapy Barb
Patient Face Mask Connection:	22ml
Operating Temperature:	-18°C to +50°C (0°F to 122°F)
Storage Temperature:	-40°C to +60°C (-40°F to 140°F)
Relative Humidity for Storage and Operating Use:	15 to 95%
Pressure gauge range (cm H ₂ O):	0 - 20

* Over a tidal volume range of 100 to 750ml

The ambient air intake port and the location of the in-line oxygen hose are designed to eliminate the possibility of accidental occlusion, removing the risk of barotrauma due to the patient or rescuer inadvertently blocking the port.

Ideal for the treatment of the respiratory impaired patient suffering from a range of obstructive pulmonary diseases, the O-Two Single-Use "Open CPAP" Delivery System is a simple, cost effective alternative to invasive ventilation and possible intensive care admissions.

O-Two CPAP Advantages:

- **Small and lightweight** - Complete system weighs only 4oz (0.1 Kg)
- **Low oxygen consumption** - Only 8 - 25L/min for 5 - 25 cm H₂O of CPAP
- **Simple to use** - Flow control adjustment to set CPAP level
- **Wide CPAP range** - 5 - 25 cm H₂O
- **No Ambulance Downtime in ER** - Simply attach to the ER oxygen supply.
- **Decreased Work of Breathing** - Open circuit imposes no work on the patient
- **Comfortable and secure head harness** - Soft, conforming Neoprene material does not slip.
- **Small size** - Fits into existing oxygen kits and storage compartments
- **Optional Pressure Gauge**

ORDERING INFORMATION:

01CV0211-cs o_two CPAP System (Large Adult)
c/w face mask (size 5) and head harness (Case/10)

01CV0212-cs o_two CPAP System (Small Adult)
c/w face mask (size 4) and head harness (Case/10)

01CV0213-cs o_two CPAP System (Child)
c/w face mask (size 3) and head harness (Case/10)

01CV0217-cs o_two CPAP System (Large Adult)
c/w face mask (size 5) head harness and pressure gauge (Case/10)

01CV0218-cs o_two CPAP System (Small Adult)
c/w face mask (size 4) head harness and pressure gauge (Case/10)

01CV0219-cs o_two CPAP System (Child)
c/w face mask (size 3) head harness and pressure gauge (Case/10)



O-Two Medical Technologies Inc.
7575 Kimbel Street, Mississauga, ON, Canada L5S 1C8
Tel **+1 905 677 9410** N.A. Toll Free: **+1 800 387 3405**
Facsimilie: **(905) 677 2035** Web **www.otwo.com**
E-mail: **resuscitation@otwo.com**

