

# O-two Single Use CPAP



**o\_two** controlled  
ventilation™

# 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.

A Luer port is located on the device to attach a pressure gauge. However, the accuracy of the CPAP level, at the fixed flow settings noted on the device, makes the use of a gauge unnecessary. 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.



**SMALL AND LIGHTWEIGHT**  
Complete system weighs only 4oz (0.1 Kg)

**LOW OXYGEN CONSUMPTION**  
Only 8 - 25L/min for 5 - 25 cm H<sub>2</sub>O of CPAP

**SIMPLE TO USE**  
Flow control adjustment to set CPAP level

**WIDE CPAP RANGE**  
5 - 25 CM H<sub>2</sub>O

**DECREASED WORK OF BREATHING**  
Open circuit imposes no work on the patient

**COMFORTABLE AND SECURE HEAD HARNESS**  
Soft, conforming Neoprene material does not slip.

**COST EFFECTIVE**  
Low purchase price and low oxygen consumption compared to other 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.

As this is an "Open" system, the device allows unrestricted inspiratory flows, since the patient has access to ambient air. Nebulizer treatments can be provided "in line", with the nebulizer positioned between the face mask and the CPAP unit.

FLOW RATE (L/min)	8	10	12	15	20	25
PRESSURE (cmH <sub>2</sub> O)	5.0	8.0	10.0	15.0	20.0	25.0
OXYGEN (%)*	54	59	62	67	73	77
CYLINDER DURATION D Tank (415L) MIN	52	42	35	28	21	17

\* Over a tidal volume range of 100 to 750ml

# ORDERING INFORMATION



## CONFIGURATION 1 CPAP System Only

01CV0211-CS	O-Two Single-Use CPAP System (Large Adult) c/w Adult #5 Cuff Mask, Head Harness System, CPAP Device with Tubing	Case/10
01CV0212-CS	O-Two Single-Use CPAP System (Adult) c/w Adult #4 Cuff Mask, Head Harness System, CPAP Device with Oxygen Supply Tubing	Case/10
01CV0213-CS	O-Two Single-Use CPAP System (Child) c/w Child #3 Cuff Mask, Head Harness System, CPAP Device with Oxygen Supply Tubing	Case/10



## CONFIGURATION 2 CPAP System with Manometer

01CV0217-CS	O-Two Single-Use CPAP System (Large Adult) c/w Adult #5 Cuff Mask, Head Harness System, CPAP Device with Oxygen Supply Tubing and Pressure Manometer	Case/10
01CV0218-CS	O-Two Single-Use CPAP System (Adult) c/w Adult #4 Cuff Mask, Head Harness System, CPAP Device with Oxygen Supply Tubing and Pressure Manometer	Case/10
01CV0219-CS	O-Two Single-Use CPAP System (Child) c/w Child #3 Cuff Mask, Head Harness System, CPAP Device with Oxygen Supply Tubing and Pressure Manometer	Case/10



## CONFIGURATION 3 CPAP System with Manometer and Nebulizer

01CV0224-CS*	O-Two CPAP System (Large Adult) with Nebulizer Kit c/w face mask (size 5) and head harness, pressure manometer, nebulizer with tubing and preset flow restrictor and "T" piece	Case/10
01CV0225-CS*	O-Two CPAP System (Adult) with Nebulizer Kit c/w face mask (size 4) and head harness, pressure manometer, nebulizer with tubing and preset flow restrictor and "T" piece	Case/10
01CV0226-CS*	O-Two CPAP System (Child) with Nebulizer Kit c/w face mask (size 3) and head harness, pressure manometer, nebulizer with tubing and preset flow restrictor and "T" piece	Case/10

\* Not Available for European Market.

## REPLACEMENT ITEMS

	01CV0210-CS	O-Two Replacement Single-Use High Visibility CPAP Flow Vector Valve Only	Case/50
	01CV0220-CS	O-Two Single-Use CPAP Nebulizer System c/w 6 L/min Flow Adapter, T-Piece, Updraft Nebulizer with Oxygen Supply Tubing	Case/10
	02RT1301-CS	O-Two Single-Use CPAP Nebulizer T-Piece	Case/10
	01CV8009-CS	O-Two Replacement Neoprene Head Harness System	Case/5

## SPECIFICATIONS

CPAP RANGE	1-25 cmH <sub>2</sub> O
REQUIRED FLOW RATE	3-25 L/min
DIMENSIONS (CPAP DEVICE ONLY)	1.6" dia x 2.3" (40.6 mm dia x 58.3 mm)
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%