

# HELMET WITH ACCESS PORT FOR CPAP THERAPY

WITH INTEGRATED VENTURI SYSTEM



# HAROL

**Your breathing**

Our mission

COMPACT HELMET - HAR

The **ONE - HAR** helmet is designed for non-invasive CPAP ventilation, both in hospital and non-hospital emergency situations. The use of the helmet allows to carry out the therapy in positive pressure with higher flows and longer periods compared to facial masks.

### INDICATIONS FOR CLINICAL VENTILATION THERAPY:

**Cardiogenic pulmonary oedema - Acute respiratory insufficiency (IRA) - Non-cardiogenic pulmonary oedema (A.L.I. - ARDS) - Chest injury - Atelectasis - Post-operative hypoxemia - Asthma.**

### » EQUIPPED WITH:

- Bidirectional anti-suffocation valve.
- Two sealed access ports for probes and cannulas.
- Atraumatic underarm fastening straps.
- Compact Venturi system operating with double oxygen source.
- PEEP valve from 0 to 20 cmH<sub>2</sub>O.
- Adjustable FiO<sub>2</sub>.
- Manometer for internal pressure detection.
- Earplugs for noise protection.
- Inlet antibacterial filter.

### » FEATURES:

- Tent volume: 15 L.
- Weight: 320 g.
- The 22F connections comply with ISO standard.
- The device is **DISPOSABLE** and non-sterile.



DESIRED VALUES		VALUES SETTING WITH HAROL DOUBLE FLOWMETER (30+30 LPM)		RESULT
PEEP (cmH <sub>2</sub> O)	FiO <sub>2</sub> * %	PRIMARY FLOW (LPM) O <sub>2</sub> Adjustment knob	SECONDARY FLOW (LPM) FiO <sub>2</sub> Adjustment knob	FLOW* (LPM)
5	43 %	15	0	47
	56 %	15	14	55
	68 %	12	22	50
7,5	50 %	17	0	48
	65 %	15	15	52
	73 %	15	22	48
10	65 %	20	0	50
	78 %	17	14	48
	85 %	17	24	53

\*The product is also available with zip access and with fixing a cushion without straps.

THE HELMET IS AVAILABLE IN VARIOUS SIZES DEPENDING ON THE CIRCUMFERENCE OF THE PATIENT'S NECK.

### AVAILABLE PRODUCTS

ITEM NUMBER	SIZE	NECK CIRCUMFERENCE	PACKAGING
CPAP10505/ <b>XS</b>	XS	Da 30 a 32	Single packed
CPAP10505/ <b>S</b>	SMALL	Da 35 a 37	Single packed
CPAP10505/ <b>M</b>	MEDIUM	Da 37 a 40	Single packed
CPAP10505/ <b>L</b>	LARGE	Da 40 a 43	Single packed
CPAP10505/ <b>XL</b>	EXTRA LARGE	Da 43 a 45	Single packed
CPAP10505/ <b>XXL</b>	2X LARGE	Da 45 a 50	Single packed
CPAP10505/ <b>3XL</b>	3X LARGE	> di 50	Single packed

MADE IN ITALY

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