

# AIRESS CPR

## Type of support

Non-invasive mechanical ventilation

## Patient type

Adult	≥ 40 kg
Pediatric	<40 kg

## Ventilation modes

CPR (Cardio Pulmonary Resuscitation)

RESPIRATOR (Assisted Ventilation)

Parameters	Adults (> 40 kg)	Pediatric (<40 kg)
Medical class device	IIB	IIB
Tidal Volume	550cc	250 cc
Maximum applied pressure	23 $cmH_2O$	23 $cmH_2O$
Maximum pressure working	23 $cmH_2O$	15 $cmH_2O$
Ratio I: E	1.5: 1.5	1.5: 1.5
CPR frequency	30: 2	15: 2)
Ventilation mode frequency	10 inhalations / min	14 inhalations / min
PEEP	5 $cmH_2O$	4 $cmH_2O$
Dimensionsfan	8.5x9x11.5 cm	8.5x9x11.5 cm
Weightfan	200 g	200 g
Suitcase dimensions	42 x 32.5 x 18 cm	42 x 32.5 x 18 cm
Suitcase Weight ( complete equipment)	4350 g	4350 g
Brushless motor (Maintenance-free)	Yes	Yes
Power supply	20 V DC-2A - USB-C	20 V DC-2A - USB-C
Air supply system	Air turbine	Air turbine
Equipment lifetime	5 years	5 years
Maximum Compliance	70 $ml / cmH_2O$	70 $ml / cmH_2O$
Minimum Compliance	30 $ml / cmH_2O$	30 $ml / cmH_2O$
Maximum Leaks	25 $l / min$	25 $l / min$
Working temperature	<45° C	

### Working parameters AIRESS CPR

<b>Temperat ura</b>	From 0°C to 45° C
<b>Humidity</b>	Min. 15% and Max. 95%
<b>Time limit of use</b>	8 Hours
<b>Pressure</b>	From 62 kPa to 110 kPa (62 kPa correspond to 3,800 m approx.)

### Alarms

<b>Discharged Battery</b>	
<b>Mask removed</b>	$\leq 20 \text{ sec}$
<b>High pressure</b>	$\geq 25 \text{ cmH}_2\text{O}$
<b>Hardware failure</b>	