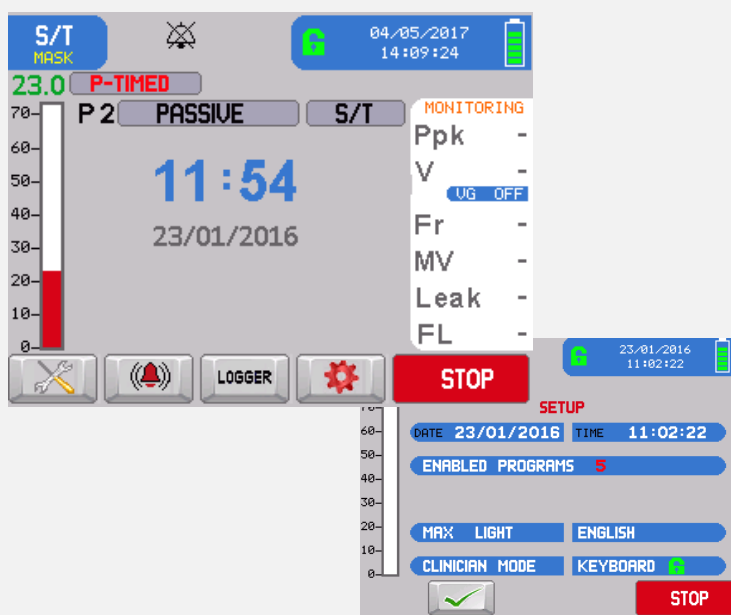


LUNA 3.5 is an easy to use positive pressure-control and volumetric-control ventilator designed to support the breathing of patients suffering from acute and chronic respiratory insufficiency. Thanks to different circuits allows non invasive ventilation systems, users can choose the most suitable therapy according to their needs.

Luna 3.5 is designed for homeuse, the device is equipped with a 3.5 color screen with encoder technology. During the ventilation the device constantly shows the therapy values, in particular values related to the quality of ventilation (Tidal Volume, Minute ventilation and Leakage)



### Performance features

- NIV: vented masks, closed mask + whisper, helmet ventilation CPAP, MPV
- Accurate volumes and triggers sensitivity
- Wide settings and alarms range
- User interface "easy to use"
- Multiple programs for safe and effective home use
- Li-po battery (up to 14 hours in standard condition: Ipap 15hPa, Epap 5hPa, Fr 15cpm)
- Storing and download of therapies with alarm logger
- Low pressure oxygen until 15 lpm @ 60hPa



Hospital use



Homecare



Mobility



Alarms



Long life battery

GENERAL CHARACTERISTICS	
<b>Model</b>	Luna 3.5
<b>Application</b>	NIV, Mouthpiece ventilation (MPV)
<b>Modalità ventilatorie</b>	ST, PC, T, CV, CA, SIMV, SIMVp, CPAP (only on leakage system)
<b>Circuiti utilizzabili</b>	Single limb with leakage port 15mm circuit for Mouthpiece ventilation
<b>Multiple program</b>	Up to 5 program/protocol
<b>IPAP</b>	4 - 60 hPa (step of 0.5 hPa) ( $\pm$ 10% or 2hPa)
<b>PEEP</b>	0 - 25 hPa (step of 0.5 hPa) ( $\pm$ 10% or 2hPa)
<b>Inspiratory volume</b>	10 ml -2500 mL (10 ml-500 ml: step of 10 ml; 500 ml-2500 ml: step of 50 ml)
<b>Frequency</b>	5 - 60 BPM (step of 1 BPM) ( $\pm$ 10%)
<b>Inspiratory time</b>	0.3 - 3.0 sec (step of 0,1 sec) ( $\pm$ 10% or 0.2s)
<b>Target volume</b>	Yes, 50cc to 2500cc
<b>Flow curves</b>	Square, Decelerate
<b>Inspiratory trigger</b>	Autotrack and 9 different levels (1 = most sensitive, 9 = less sensitive)
<b>Expiratory trigger</b>	Autotrack and from 10% to 70% of the maximum inspiratory flow (10%= less sensitive, 70%= more sensitive )
<b>Allarms</b>	High - Low Inspiratory pressure High - Low Expiratory pressure High - Low (Apnoea) Frequency High - Low Minute ventilation High - Low Tidal volume High Leakage / Open circuit Low battery No power supply
<b>Oxygen</b>	Low pressure - max 15 lpm @ 60hPa
<b>Particle and liquid protection</b>	<b>IP22</b>
<b>Sound pressure alarms</b>	<b>90dBA</b>
<b>Noise</b>	10hPa - 31dB; 20hPa - 33dB; 30hPa - 36dB
<b>Dimensions</b>	27 x 26 x 13 cm (L x H x P)
<b>Weight</b>	3.2 Kg
<b>Power supply</b>	100/240V, -20%+10%, 50/60 Hz, 160VA Li-po battery - 14 hours in standard conditions (IPAP 15, EPAP 5, Fr 15) recharge time: 8 hours
<b>Working conditions</b>	From 10° C to 40° C; Umidity: from 10% to 90%, non-condensing Atmospheric pressure between 700hPa and 1060hPa
<b>Transportation and storage conditions</b>	From -25°C with no umidity control to +70°C relative humidity 93%, non-condensing
<b>Safety standard</b>	EN60601-1, EN60601-1-2, EN62366, EN62304 EN60601-1-11, EN60601-1-8, ISO10651-2; ISO 10651-6, ISO 80601-2-80
<b>Conformity</b>	93/42/ECC e 2007/47/EC
<b>Insulation</b>	Classe II - BF
<b>Risk class</b>	2B

### Accessories

**Mobile cart:** to transport the device easily at home, in care structures or hospitals. Weight of the cart 5,3 Kg x height 800 mm. Maximum loading weight 20 Kg. Maximum weight on the handles 10, 6 Kg.

**Mobility bag:** to carry the device safely. It can also be attached to a wheelchair so that the device can be used during the mobility.

**Transport bag:** a padded bag in which the ventilator can be carried or stocked.

**MPV circuit support arm:** to support patients with reduced mobility during the Mouthpiece Ventilation therapy.