

## Helios™

HELIOS, the oxygen delivery system for maximum mobility



### HELIOS™, portable

The portable HELIOS™ is the core element of the HELIOS™ oxygen system. The patient can use the portable unit for oxygen delivery all the time.

- Small and light (1.5 kg filled), maximum independence and comfort
- High rate of mobility, lasting up to 10 hours at a setting of 2 l/min
- Fast and easy filling in only 40 seconds
- Horizontal or vertical operation possible
- Integrated demand system, no batteries required
- Built-in scale for easy oxygen volume content monitoring

### HELIOS™, stationary reservoir

The reservoir is available in two sizes and is the oxygen vessel for the HELIOS™ system.

- Capacity 36 or 46 l tank
- The high capacity no loss system may reduce the number of oxygen deliveries.
- 10 litres per minute, continuous flow possible by using a flow control valve

### New perspectives for patients

The portable HELIOS™ system H-300 convinces through its small weight and size, and thus is easy for patients to bring along. It only weighs 1.5 kg filled and is as small as a handbag, which is not carried, not pulled, HELIOS™ is simply put on.

The portable unit with an integrated oxygen conserving device ensures that the oxygen is only delivered during the patient's inspiration phase. This efficient oxygen delivery enables a distinct higher mobility; at a setting of 2 l/min the patient has full mobility for up to 10 hours.

The refilling from the stationary HELIOS™ tank is customer friendly and fast (in 40 seconds).



## High therapy compliance

HELIOS™ is the most appropriate oxygen system for patients who seek maximum mobility and are candidates for use of oxygen conserving devices. Its small size, low weight and the opportunity of prolonged mobility, mean a return to a happier, healthier lifestyle and it should come as no surprise that with the HELIOS™ system, patient compliance and success of therapy can be improved. This may improve the patient's quality of life significantly and is the key to an effective oxygen therapy.

### Technical data - HELIOS™ stationary

Model	H36	H46
<b>Capacity</b>		
- LOX (kg)	38.5	49.9
- Gaseous equivalent (liters)	29,069	37,619
<b>Dimensions</b>		
- Weight, filled (kg)	62.6	77.1
- Weight, empty (kg)	24.0	27.2
- Height (cm)	85.1	95.3
<b>Operating pressure (bar)</b>	1.5	1.5
<b>Typical fill time, warm (minutes)</b>	3-10	3-10
<b>Normal evaporation rate (kg per day)</b>		
- Typical	0.5	0.5
- Maximum	0.7	0.7
<b>Typical use time at 2 l/min</b>		
- Continuous flow (hours)	242	313
- 24 hours/day demand flow (days)*	35	46
*18 BPM, I:E of 1:3		

### Technical Data - HELIOS™ portable

Model	H300
<b>Capacity</b>	
- LOX (kg)	0.4
- Gaseous equivalent (liters)	308
<b>Dimensions</b>	
- Weight, filled (kg)	1.5
- Weight, empty (kg)	1.1
- Height including handle (cm)	26.7
<b>Operating pressure (bar)</b>	1.5
<b>Typical fill time, warm (seconds)</b>	40
<b>Normal evaporation rate (kg per day)</b>	
- Typical	0.5
- Maximum	0.7
<b>Typical use time (hours)* at a setting of 2 l/min</b>	8-10
<b>Standard flow controller range (12 settings)</b>	1/8 - 4
*18 BPM, I:E of 1:3	

## Accessories

- Bum bag for HELIOS™, H300
- Canula for HELIOS™ (2.1 m)
- Demand Canula for HELIOS™ (2.1 m)
- HELIOS™-connecting tube (15 m)
- HELIOS™-extension tube (15 m)
- Flow control valve, 1 - 10 l/min for HELIOS™ stationary, HELIOS™-rollaway frame

