



## ELECTRONIC OXYGEN GAS CONSERVING DEVICE **ECOLite® 4000**

EDITION 1/2015

**ECOLite® 4000 is an electronic oxygen gas conserving device, which supports efficient long term oxygen therapy treatment (LTOT).**

**With the ECOLite® 4000, oxygen is delivered only during the inspiration phase during a breathing cycle allowing savings of up to 10 times compared to continuous flow oxygen therapy.**

### FEATURES AND BENEFITS

#### **Advanced technology**

A special feature of the ECOLite® 4000 is the small internal regulator, that allows the user to select a supply inlet pressure of between 1.6 to 5 bar.

#### **Automatic and manual flow rates**

The device offers automatic and manual operating modes. In the automatic mode the amount of oxygen delivered increases in relation to the set flow rates of 15 to 30 breaths per minute, to a maximum of 8 Litres Per Minute (LPM). In the manual mode the flow rates are from 0.5 to 8 LPM.

#### **Fixed flow rate**

The ECOLite 4000 allows home oxygen providers to select and lock a fixed flow rate prescribed by a clinician during the initial installation.

#### **Visual and audio alarms**

The ECOLite 4000 alerts users and carers if there is no oxygen supply, no breathing detected or low battery.

#### **Durable**

The ECOLite 4000 has a robust design and is built to last up to 10 years\*. The device is supplied with a 2 year unit warranty.

\* excludes batteries and service is required after 5 years.



PATENTS  
EP 1516642

CE 0434

## ENVIRONMENTAL PROTECTION

There are no known risks associated with disposal the ECOLite® 4000 at the end of its working life.

Batteries and electronics should be disposed of at an approved recycling facility. Other parts shall be recycled according to local regulations.

## REGULATORY STATUS

European Economic Area (EEA): This mark on the product indicates compliance with Directive 93/42/EEC relating to medical devices, Class IIa.

## MANUFACTURERS INFORMATION

The ECOLite® 4000 is manufactured at GCE Norden.

The month and year of manufacture is shown on the serial number label on the rear of the unit.

Other than the consumables/accessories/spare part listed below there are no user replaceable parts. Only qualified service personnel, certified by the manufacturer, may attempt any repair to the ECOLite® 4000. Not following this instruction will disqualify the manufacturers guarantee.

## RECYCLING

The product shall be recycled according to local regulations.

### Item No. Description

325197479	ECOLite® 4000 COMPL UK
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## CONSUMABLES

### Item No. Description

306798	Standard Nasal cannula
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325112782	Spiral Hose UK
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325112783	Spiral Hose 1.6 bar
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325197699	Supply hose ECOLite® 4000 3/8
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## ACCESSORIES

### Item No. Description

14090535	ECOLite® 4000 Carry Bag
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14090631	ECOLite® 4000 Carry Bag Trolley
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325112719	Belt bag
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## SPARE PARTS

### Item No. Description

325112670	Battery cover
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## TECHNICAL DATA

### FUNCTIONAL PERFORMANCE

Settings:	Manual/Automatic
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Triggering:	At each breath
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Sensitivity:	0.13 cm H <sub>2</sub> O
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Regulating pressure:	1.6 Bar
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Accuracy:	0.5-1.5 l/min +/- 30%
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	2-8 l/min +/- 15%
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Cycle output:	0.5 to 8 l/min corresponding
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	to 5-80 ml per bolus
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Alarms:	Low battery
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	No oxygen supply
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	No inhalation
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### POWER SUPPLY

Battery:	RO6, AA, Alkaline 1.5 V
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Oxygen supply	
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Pressure:	Between 1.6 and 5 Bar
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Flow:	Minimum 4 liters per minute
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### DIMENSIONS AND WEIGHT

Dimensions:	Height: 101 mm
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	Width: 85 mm
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	Depth: 32 mm
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	Weight: 184 g without battery
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### ENVIRONMENTAL CONDITION

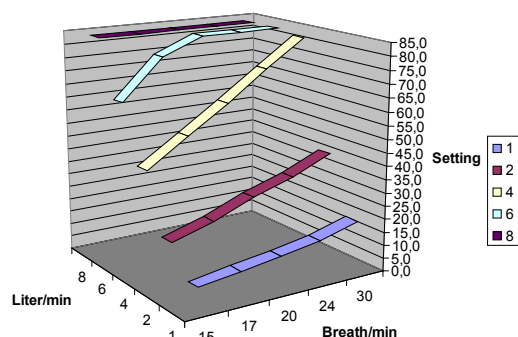
Ambient temperature:	
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Operational:	-10°C to +40°C
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Storage:	-40°C to +70°C
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Relative humidity:	25% to 95%
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### Automatic mode



325112719



Gas Control Equipment

GCE world-wide: <http://www.gcegroup.com>