



Your patients, our primary focus

Siesta i Whispa anaesthesia machine

PHILIPS

Functional, and flexible

**At Philips, we are not just committed to meeting the healthcare needs of today.
We also think about tomorrow..**



The benefits
are many

to your needs

Take a good look and you'll be surprised by the many forward-thinking features of the Siesta i Whispa anaesthesia machine.

Microprocessor-controlled ventilator

The Siesta i Whispa ventilator compensates for changes in the fresh-gas flow and compliance in the breathing system. Pressure, spirometry data, and oxygen concentration are displayed on the 8" colour TFT screen. Supports five ventilation modes: VCV, PCV, SIMV, PSV and PRVT*.

PRVT*– Pressure Regulated Volume Target

PRVT* is a lung-protective ventilation mode that combines the advantages of volume-controlled ventilation (VCV) and pressure-controlled ventilation (PCV). Optimum ventilation is achieved through inspiratory flow control, maintaining inspiratory pressure while the patient is undergoing anaesthesia. The required tidal volume set by the operator is achieved by automatic, breath-by-breath pressure regulation.

* Option

High-level safety features

The Siesta i Whispa has a number of built-in safety features, including:

- Hypoxic guard function, ensuring at least 25% oxygen in the oxygen/nitrous oxide mix
- A slave regulator cuts off nitrous oxide and sounds an audible alarm in the event of a failed oxygen supply
- A fresh-gas switch between the integrated breathing system and auxiliary gas outlet
- An oxygen flowmeter with separate outlet, including tube nipple and integrated patient suction unit
- Automatic self-test at start-up
- Battery backup

Space-saving design

The slim, modular Siesta i Whispa is a compact choice for all operating theatres, occupying a minimum of space. Twin wheels allow the machine to be moved around smoothly and easily. Where floor space is particularly limited, the pendant and wall-mounted solutions provide practical alternatives. We have done our best to integrate all the key functions into the machine as standard. Even the AGSS for gas evacuation is among the core functions, eliminating the need for a separate system on the side or rear of the machine. A backbar for mounting Selectatec vaporisers and simple mounting of all types of patient monitors adds to the flexibility of the Siesta i Whispa.

- Intuitive and user-friendly interface
- Integrated breathing system
- Microprocessor-controlled ventilator with five advanced ventilation modes, including PRVT*
- 8" high-resolution colour display
- High-level safety features
- Space-saving design

Integrated breathing system

Forget about time-consuming, multiple-tube connections between the anaesthesia machine, breathing system, and patient. Our integrated breathing system (IBS) integrates an ascending bag-in-bottle, patient circuit, and CO₂ absorber in one compact unit.

That means no tubing between the breathing system and machine and only two tubes—for inspiration and expiration—between the breathing system and patient. The manual bag connection is located under the APL valve. Setting up for a procedure is fast, and cleaning is easy. In less than sixty seconds the breathing system can be taken apart for cleaning, without any need of special tools. The foolproof design prevents reassembly errors after cleaning.

Bag-in-bottle

The ascending bellows is designed to prevent air from being drawn into the breathing system in the event of a leakage. The capacity is up to 1500 ml, making it suitable for adults, paediatrics and neonates.

Valves

Yellow valve flaps allow visual supervision of inspiration and expiration. An APL valve is also integrated and valid in the manual and spontaneous modes.

i-SORB absorber

Available in reusable or disposable versions, i-SORB minimises the waste of unused soda lime thanks to its flow-optimised design. The absorber capacity is 900 g. The absorber can be replaced while the machine is in operation.



Key data



SIESTA i WHISPA	
Dimensions (H x W x D)	1510 x 760 x 670 mm
Weight	110 kg
Hypoxic guard system	Total flow range: 0–20 L/min
Vaporisers	Backbar for two Selectatec vaporisers (German or British standard) with interlock safety mechanism
Integrated breathing system (IBS)	Hanging Insp./Exp. valve flaps Tool-free disassembly in less than sixty seconds Fresh gas introduced after Insp. valve Autoclavable
Absorber capacity	900 g
Ventilation modes	VCV (volume-controlled ventilation) PCV (pressure-controlled ventilation) SIMV (synchronised intermittent mandatory ventilation) PSV (pressure support ventilation) PRVT* (pressure-regulated volume target)
Tidal volume	20 to 1500 ml
Respiration rate	4 to 80 bpm
I:E ratio	3:1 to 1:9,9
Electronic PEEP	4 to 20 hPa (cmH ₂ O)
Inspiratory pressure	PCV 4 to 67 hPa (cmH ₂ O) PSV 4 to 50 hPa (cmH ₂ O)
AGSS	30 to 40 L/min
Ventilation measurements	Peak, Plateau, and PEEP Pressure Patient compliance Tidal & minute volume Inspired O ₂ % Spirometry loop

* Option

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Royal Philips**

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Philips Service

Philips Anaesthesia Care has a service portfolio that encompasses a range of standard service contracts along with scheduled preventative maintenance cycles to ensure that your equipment performs at optimal levels. In addition we offer a number of value-added services such as training provided by our clinical application specialists. For more information, please contact your Philips representative.

The Siesta i Whispa anaesthesia machine was previously sold and marketed under the Dameca brand. As of March 2011, Dameca was acquired by Royal Philips.

Please visit www.philips.co.uk/anaesthesia



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Printed in The UK.
SIESTA I WHISPA, 452296286281, AUG* 2013

Not available in the US