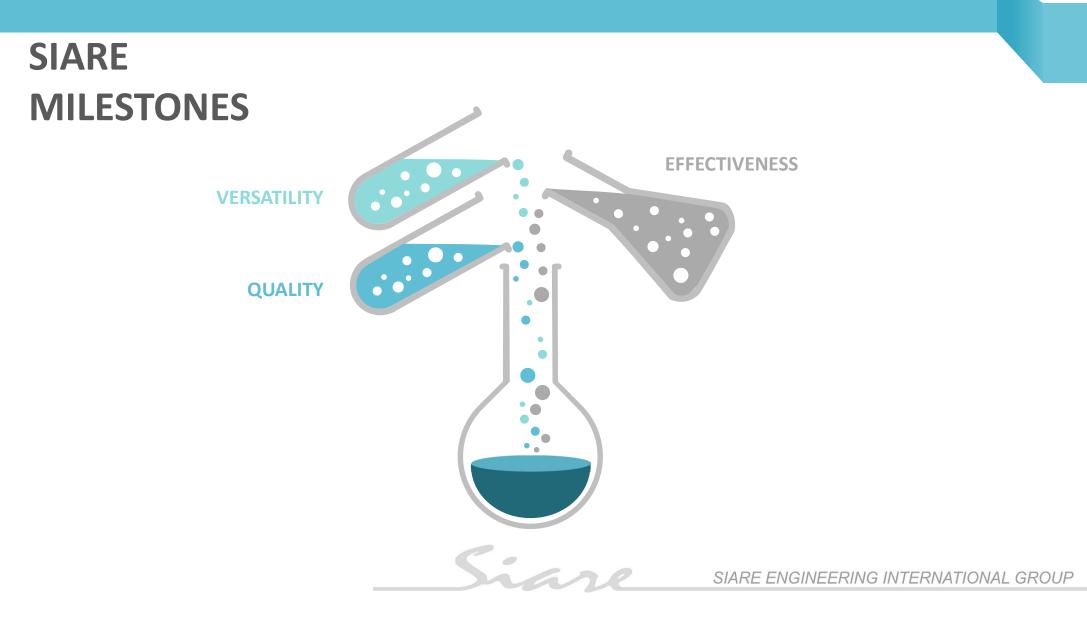


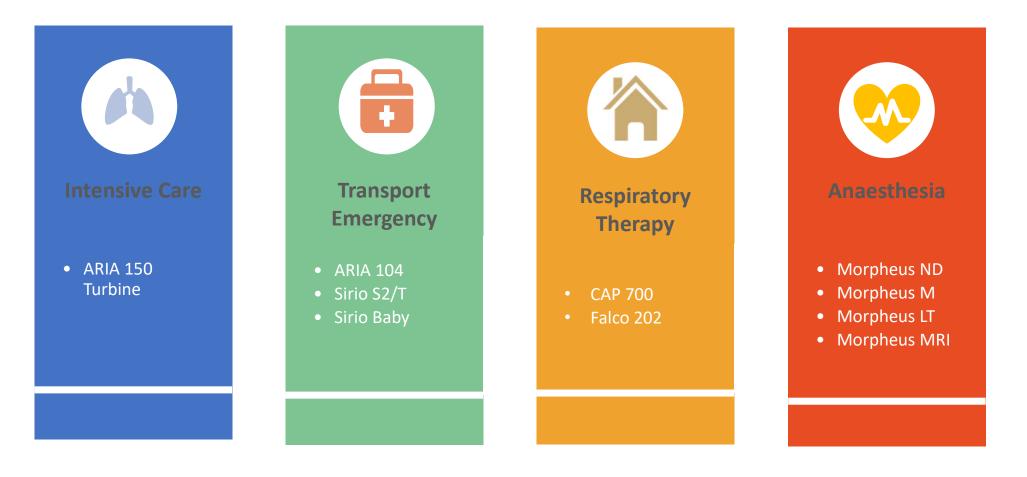


## Lung Ventilators and Anaesthesia Machines

## A Health Service Company since 1974



## **Product Range**



Sinne

## **Intensive Care**



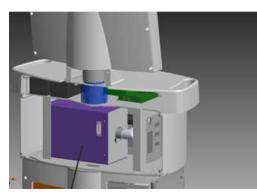
Siare





**ARIA 150** is an advanced intensive care ventilator, manufactured to deliver long-term respiratory support to a wide range of patients from neonates to adults.

**ARIA 150** is equipped with state-of-the-art technologies, such as electromagnetic flow sensor, integrated turbine with two blowers



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## With Turbine and 15" TFT Touch Screen display

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- When compressed Air is not available
- The noise intensity at a never heard level
- Two integrated blowers (patient flow and cooling)

- Low tidal volume (from 2ml)
- Low maintenance
  - Easy assembling



### **OPERATIVE MODES**

### Our software includes different operative modes:



## Unique Flow Sensing Technology

Specially designed for medical applications, this **unique Magnetic Flow Sensor** in Aria 150 ensures versatility and affordability



## Unique Flow Sensing Technology

Criteria to Evaluate Flow Sensors	Rotating Vane	Hot Wire	Differential Pressure	Siare Magnetic Sensor	
Low Residual Pressure during respiration	×	~	~	~	
Low Resistance for the inspired/ expired flow	×	~	~	~	
Performance (eg. Precision, resolution, linearity, static sensitivity, wide range)	×	~	~	~	
Ability to perform in presence of water vapour and patient secretions	×	×	×	~	
Ability to perform during variations in temperature and gas composition	~	×	×	~	
Longetivity	×	×	×	~	

500



# Transport Emergency







Signe

Suitable for both ambulatory and intensive care, **ARIA 104** is built to enhance patient comfort during mechanical ventilation.

Its unique features, coupled with a portable design, make it a preferred choice for exceptional respiratory support at all times



- Code: 980104/A
- Adults Children Newborns



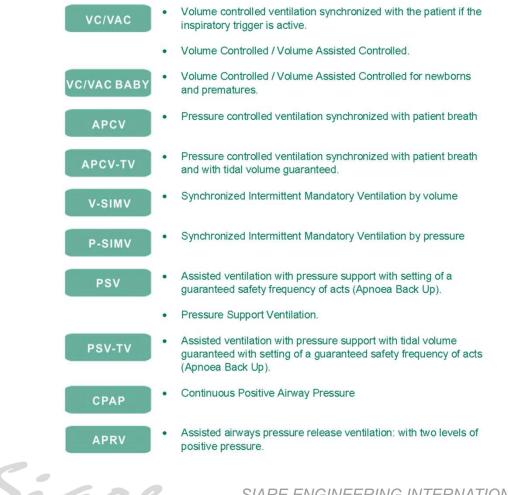


## Turbine ventilator for patients ventilation during transport

- Complete range of treatable patients
- Complete with all operative modalities for each situation
- When compressed medical air is not available
- Silent ventilation
- Two integrated blowers (patient flow and cooling) allows delivery of volumes from 2 ml
- When dimensions and weight are important
- Simple and low cost preventive maintenance operations

## **OPERATIVE MODES**

## Our software includes different operative modes:



## Unique Flow Sensing Technology

Specially designed for medical applications, this **unique Magnetic Flow Sensor** in ARIA 104 ensures versatility and affordability



## Unique Flow Sensing Technology

Criteria to Evaluate Flow Sensors	Rotating Vane	Hot Wire	Differential Pressure	Siare Magnetic Sensor	
Low Residual Pressure during respiration	×	~	~	~	
Low Resistance for the inspired/ expired flow	×	~	~	~	
Performance (eg. Precision, resolution, linearity, static sensitivity, wide range)	×	~	~	~	
Ability to perform in presence of water vapour and patient secretions	×	×	×	~	
Ability to perform during variations in temperature and gas composition	~	×	×	~	
Longetivity	×	×	×	~	

- - - - -



# SIRIO S2/T SPIRO

Code: 09636





Also in MRI Version

## Transport ventilator with breathing parameters monitoring

- Manual ventilation
- Electronic bronchomanometer
- Breathing parameters monitoring
- Displayed icon for ventilation status:
- Green=inspiration
- Red=expiration
- Yellow=trigger

# SIRIO 200 BABY

#### Code: 09637

Children, Newborns and Prematures





Transport Ventilator with breathing parameters monitoring

- User Friendly
- Cost-effective
- Compact and light
- Low preventive maintenance costs (six-monthly)

Also in MRI Version

# SIRIO 200 BABY



•User Friendly

•Cost - effective

•Compact and light

•Low preventive maintenance costs (six-monthly)

•Compatible with magnetic resonance

### **OPERATIVE MODES**

IPPV Volume controlled and pressure limited ventilation

**IMV** Volume controlled and limited pressure ventilation with spontaneous phase

**CPAP** Continuous positive pressure applied to airways

**PEEP** Positive end expiration pressure which can be combined to other operative modes



# SIRIO S2/T

Code: 09436

Adults, Children, Newborns





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#### Transport Ventilator

- User friendly
- Pressure limited volumetric ventilation
- Cost-effective
- Compact and light
- Low preventive maintenance costs (six-monthly)

## Anaesthesia



Siare



# **MORPHEUS ND**

#### Code: MND.SE-T

Adults, Pediatric, Newborns





## The state of the art in Anaesthesia

#### Maximum safety:

Double Engine: GAS and TURBINE supply

Inlet gas control by **PROTOLOCK** detect system

Double vaporizer connection

- Breathing system totally autoclavable
- Compact and light system
- Low maintenance
- Ascending or descending breathing system
- **HYBRID TECHNOLOGY**: this makes it suitable to be used even in difficult or uncomfortable situations.

# **MORPHEUS ND**

#### Code: MND.SE-T

Adults, Pediatric, Newborns





- Weight <25 Kg
- Small size
- Propulsion of the driving force of the system, with high efficiency turbine, **HYBRID SYSTEM**
- It can be positioned both left and right of the patient, thanks to his connections
- Electronic gas mixer
- Tidal volume from 2ml to 1500ml
- Double input touch screen with encoder knob and keys
  - **Protolock** safety system for analyzing the coherence of centralized gases connected to the machine at power-up, alerting the operator in case of wrong connections, so as to prevent and avoid fatal accidents for the patient

# **MORPHEUS ND**



Our software includes different operative modes:



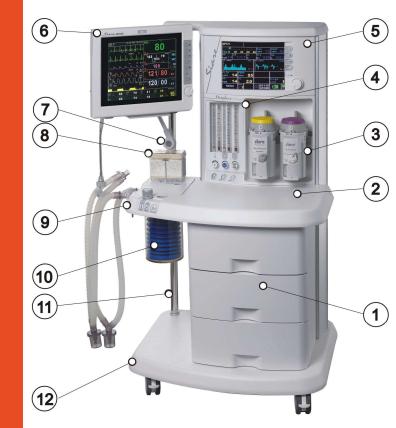


# **MORPHEUS M**

Code: OM3.S5

Adults, Pediatric, Newborns





#### **Guaranteed Quality**

1.Storage drawers
2.Work shelf
3.Vaporizers for anaesthetic gas (opt)
4.Anaesthesia module
5.Electronic ventilator
6.Vital signs monitor (opt)
7.Patient circuit supporting arm (opt)
8.CO2 absorber canister
9.Control panel for manual ventilation
10.Valves group (breathing system)
11.Steel vertical rod for accessories support
12.Trolley and pivoting wheels
(the two frontal ones with foot brakes)

# **MORPHEUS M**

Code: OM3.S5

Adults, Pediatric, Newborns



The **MORPHEUS M** is a workstation for gaseous anaesthesia and it can be used on adults, children and newborns.

It is suitable for administration of: oxygen, air, nitrous oxyde, anaesthetic agents

VC/VAC						
PAW 0 20	40	<mark> </mark>      60 8	I PA 30 CM	<sup>⊮</sup> н₂о <b>12</b>	PEEP CmH₂O	00
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The **MORPHEUS M** unit is completed with:

- gas mixing device (flowmeter modules)
- mechanic version, O2 / N2O / AIR with low flows resolution
- electronic lung ventilator with 12" colour TFT display
- heated closed / semi-closed / open valves group w /1,5 Kg. CO2 absorber
- double interlock / selectatec support for 2 vaporizers

# MORPHEUS LT MRI

#### Code: OM3.A5s/RMN

Adults, Pediatric, Newborns





It can be used on adults, children and newborns patients.

- It is compatible for **Magnetic Resonance rooms** from 1,5 T (15000 G) and from 3 T (30000 G) and positionable at a min. distance from the magnet corresponding to a field of 20 mT (200 G).
- It is suitable for administration of: oxygen, air, nitrous oxide, halothane, enfluorane, isoflurane, sevoflurane, desflurane.

#### The **MORPHEUS LT MRI** unit is completed with:

- gas mixing device
- lung ventilator with dual colour display
- heated closed / semi-closed / open valves group w/1,5 Kg. CO2 absorber
- double interlock / selectatec support for 2 vaporizers

# Respiratory Therapy





## **CAP 700**

#### Code: 980700

Adults, Pediatric, Newborns





#### Cough Assist Ventilator

- New turbine system: assistence to cough
- For domiciliar and hospital use
- TFT Screen 5,6" and ergonomic case
- Single tube system
- Vibration function during the inspiratory phase
- Manual or external control

## **FALCO 202**

Code: 980222

**Adults, Children** 





## Turbine ventilator for home care therapy

- When compressed medical air is not available
- Silent ventilation
- Integrated blower
- When dimensions and weight are important
- Simple and low cost preventive maintenance operations





<u>mail@siare.it</u>

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