

RESMED

Elisée 150™

PORTABLE HOMECARE VENTILATION
(Invasive and noninvasive)

- Portable ventilation with rechargeable battery
- Versatile therapy and two pre-set programs
- Choice in pressure and volume ventilation
- Large touchscreen, user-friendly features
- Patient and therapy monitoring
- Effective ventilation, extra reassurance
- Essential alarms



Elisée 150

Portable homecare ventilation



Versatile therapy and two pre-set programs

- Suitable for adults and children with acute or chronic respiratory conditions (up to 80bpm in paediatric mode)
- Flexibility for changing needs —for example, during periods of increased or decreased activity or between day and night
- Programs can be independently set for invasive or non-invasive application

Choice in pressure and volume ventilation

- Choice of modes and parameters —single or double circuit, volumetric or pressure
- Unique PS.V_T mode—pressure support with guaranteed tidal volume during each breath (suitable for tracheostomy patients)
- Low pressure oxygen enrichment port and optional oxygen cell for FiO₂ monitoring
- Lung recruitment function

Portable ventilation with rechargeable battery

Small, light and easy to transport

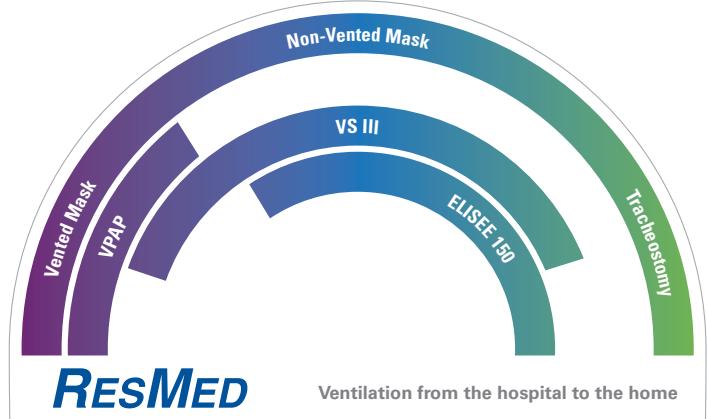
Long-life battery, easily recharged

A range of power supply options

Elisée 150 Portable homecare ventilation

ASSISTED CONTROLLED MODES	INTERMITTENT ASSISTED CONTROLLED MODES	PRESSURE SUPPORT MODES	CONTINUOUS POSITIVE AIRWAY PRESSURE MODE
P(A)CV: Assisted controlled pressure ventilation	PSIMV: Synchronised intermittent mandatory pressure ventilation	PS.SV: Pressure support with safety tidal volume	CPAP: Continuous positive airway pressure
(A)CV: Assisted controlled volume ventilation	SIMV: Synchronised intermittent mandatory volume ventilation	PS.V _T : Pressure support with guaranteed tidal volume	—

Small, light and portable, Elisée 150 has a rechargeable battery and can also be used by a patient in a wheelchair.



Large touchscreen, user-friendly features

- Simple menus; easy to enter and lock clinical menu; a secure patient menu
- Screen can be rotated 180 degrees
- Flow and pressure curves on the same screen
- All patient parameters viewed on one screen
- All modes viewed simultaneously for selection

Patient and therapy monitoring

- Real time data on LCD screen (includes FiO_2 when O_2 is running through the port)
- Flow and pressure curves displayed on LCD screen
- Comprehensive data easily downloaded via EasyView software
- Graphic trends on your computer via optional EasyView software

Effective ventilation, extra reassurance

- Remote alarm options
- ResMed non-vented masks can be used with the ventilator for effective therapy
- EasyView software monitoring helps improve therapy decisions
- Adaptable expiratory valve for accurate expiratory measurement with alarms

Essential alarms

High priority

- Maximum/minimum FiO_2
- Maximum leak
- Maximum/minimum V_T
- Maximum inspiratory pressure
- Empty internal battery
- Open circuit

Medium priority

- Low PEEP
- Low internal battery
- Apnea



Elisée 150 can be used with ResMed non-vented masks for a comprehensive ventilation solution.

ELISEE 150 TECHNICAL SPECIFICATIONS		Paediatric	Adult	Adjustments
PARAMETERS				
Pressure slope	1, 2, 3, 4	1, 2, 3, 4	—	
Inspiration pressure (cm H ₂ O)	3–40 in NIV 3–60 in Invasive	5–60	1 cm H ₂ O	
Pressure support (cm H ₂ O)	3–40 in NIV 3–60 in Invasive	5–60	1 cm H ₂ O	
PEEP (cm H ₂ O)	0–20	0–25	1 cm H ₂ O	
CPAP (cm H ₂ O)	3–20	3–25	1 cm H ₂ O	
Tidal volume (mL)	50–500	300–2500	10 mL (50–1000) 100 mL (1000–2500)	
Security tidal volume (mL)	NO / 50–500	NO / 300–2500	10 mL (50–1000) 100 mL (1000–2500)	
Maximum flow setting (volume) (L/min)	5–40	10–120	1 L/min	
Flow shape	(1–5) Square/Decreasing	(1–5) Square/Decreasing	—	
I/E ratio (1/x)	1/0.4–1/9.9	1/0.4–1/9.9	1/0.1	
Respiratory rate	2–80	2–50	1 bpm	
Minimum breath (bpm)	NO / 3–80	NO / 6–50	1 bpm	
Maximum inspiration time (seconds)	0.3–3.0	0.3–3.0	0.1 sec	
Apnea time (seconds)	5–20	10–60	1 sec	
TRIGGERS				
Inspiration pressure trigger (cm H ₂ O) (Invasive ventilation only)	0.2–5.9 / NO in (A)CV and P(A)CV modes 0.2–6.0 in PS.SV, PS.V _r , SIMV and PSIMV modes	0.2–5.9 / NO in (A)CV and P(A)CV modes 0.2–6.0 in PS.SV, PS.V _r , SIMV and PSIMV modes	0.1 cm H ₂ O	
Inspiration flow trigger (L/min) (Invasive ventilation only)	0.2–9.9 / NO in (A)CV and P(A)CV modes 0.2–10.0 in PS.SV, PS.V _r , SIMV and PSIMV modes	0.2–9.9 / NO in (A)CV and P(A)CV modes 0.2–10.0 in PS.SV, PS.V _r , SIMV and PSIMV modes	0.1 L/min	
Inspiration trigger (Noninvasive ventilation only)	AUTO / 1–5 in PS.SV, PS.V _r , SIMV and PSIMV modes AUTO / 1–5 / NO in (A)CV and P(A)CV modes	AUTO / 1–5 in PS.SV, PS.V _r , SIMV and PSIMV modes AUTO / 1–5 / NO in (A)CV and P(A)CV modes	—	
Expiratory trigger (% peak flow)	10–90 / AUTO in PS.SV, PS. V _r , SIMV and PSIMV modes	10–90 / AUTO in PS.SV, PS. V _r , SIMV and PSIMV modes	1 %	
LUNG RECRUITMENT				
Period (minutes)	NO / 1–60	NO / 1–60	1 min	
Duration (seconds)	0.2–40	0.3–40	0.1 sec (0.2–3) 1 sec (3–40)	
Pressure (cm H ₂ O)	5–60	5–60	1 cm H ₂ O	
TECHNICAL DATA				
External DC supply	12–28 VDC, maxi 15 amps			
Internal battery	Li-Ion, 14.4 VDC, 6.3 AH			
External battery	Li-Ion, 14.4 VDC, 6.3 AH			
Power consumption	max 75 VA			
External power	12–28 V			
Internal battery capacity*	4–6 hrs			
External battery capacity*	4–6 hrs			
Size	26 cm x 24 cm x 13 cm (10.2" x 9.4" x 5.1")			
Mains supply	100 VAC/1 amp to 230 VAC / 0.6 amp – 50/60 Hz			
Weight	4.45 kg (9.79 lb) with internal and external battery pack			

* Tested under specific settings. Please refer to the User Guide.