

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



Easy-to-use touchscreen—
therapy data at your fingertips

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

Choice in pressure and volume ventilation

- Choice of therapy modes and parameters—invasive or noninvasive, 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
P(A)CV Assisted controlled pressure ventilation	PSIMV Synchronised intermittent mandatory pressure ventilation	PS.SV Pressure support with safety tidal volume
(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.



Elisée 150: an effective solution from ResMed's homecare ventilation suite

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
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	0.1s
Apnea time (seconds)	5–20	10–60	1s
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 _T , 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 _T , 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 _T , 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 _T , SIMV and PSIMV modes	0.1 L/min
Inspiration trigger (Noninvasive ventilation only)	AUTO / 1–5 in PS.SV, PS.V _T , SIMV and PSIMV modes AUTO / 1–5 / NO in (A)CV and P(A)CV modes	AUTO / 1–5 in PS.SV, PS.V _T , 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 _T , SIMV and PSIMV modes	10–90 / AUTO in PS.SV, PS. V _T , SIMV and PSIMV modes	1 %
LUNG RECRUITMENT			
Period (min)	NO / 1–60	NO / 1–60	1 min
Duration (seconds)	0.2–40	0.3–40	0.1 s (0.2–3) 1 s (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.

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