

Technical specifications

Modes			
CPAP, PACV, PS, PS.Vt, ACV, P-SIMV, SIMV			
Parameters	Paediatric	Adult	Adjustments
Inspiration pressure (cm H ₂ O)	3–40 (NIV) 3–60 (invasive ventilation)	5–60	1 cm H ₂ O
Pressure support (cm H ₂ O)	3–40 (NIV) 3–60 (invasive ventilation)	5–60	1 cm H ₂ O
Pressure slope	1, 2, 3, 4	1, 2, 3, 4	–
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)
Flow shape	(1–5) square/decreasing	(1–5) square/decreasing	–
Maximum flow (L/min)	5–40	120 (volume modes), 220 (pressure modes)	1 L/min
Respiratory rate/frequency (bpm)	2–80	2–50	1 bpm
Inspiration time (seconds)	0.3–3.0	0.3–3.0	0.1 sec
I/E ratio (I/x)	1/0.4–1/9.9	1/0.4–1/9.9	1/0.1
Maximum inspiration time (seconds)	0.5–2.5	1.0–3.0	0.1 sec
Apnoea time (seconds)	5–20	10–60	1 sec
Adjustable plateau time (seconds)	0–1.5	0–2.0	0.1 sec
High and low pressure oxygen – FiO ₂ (%)	21–100	21–100	5% (30–100)
Triggers			
Inspiration pressure trigger (cm H ₂ O) (only in invasive ventilation)	0.2–5.9/NO in ACV and PACV modes 0.2–6.0 in PS, PS.Vt, SIMV and PSIMV modes		0.1 cm H ₂ O
Inspiration flow trigger (L/min) (only in invasive ventilation)	0.2–9.9/NO in ACV and PACV modes 0.2–10.0 in PS, PS.Vt, SIMV and PSIMV modes		0.1 L/min
NIV+ trigger	AUTO/1–5/NO in ACV and PACV modes AUTO/1–5 in PS, PS.Vt, SIMV and PSIMV modes		–
Expiratory trigger (% of peak flow)	10/90 AUTO in PS, PS.Vt, SIMV and PSIMV modes		1%
Recruitment/Sigh			
Period (min)	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
Nebulisation			
Duration (min)	1–30	1–30	1 min
Flow (L/min)	5–20	5–20	1 L/min
EtCO ₂			
Infrared spectrometry; mainstream technology; display of values, waveforms and 30 min trends			
Respiratory mechanics			
Measure: resistance/compliance, P0.1 (invasive only), plateau and peak, intrinsic PEEP.			
Technical data			
Size	290 mm x 250 mm x 130 mm	Internal battery	3 hrs
Weight	4.55 kg with mains power pack	External battery	3 hrs

Product and accessory codes

-  Elisée 350
ANZ **PAC015740**
APAC **PAC013374**
-  EtCO₂ monitoring kit
KIT016226
-  NV AcuCare F1-0 FFM
Small (20 pk) **60768**
Medium (20 pk) **60769**
Large (20 pk) **60770**
-  Transport and emergency bag
SAC0151358
-  Transport and emergency ergonomic bag mounting for tubes and filters
SAC015904
-  Transport and emergency ergonomic power supply/battery pouch
HOU015903
-  Elisée transport bracket system
SUP015894
-  Mounting bracket with optional blade
CRO015982
LAM016023
-  Small trolley with support bracket and transport arm
PAC012653



Quality care when every second counts

1 Lindenaier PK et al. Outcomes associated with invasive and noninvasive ventilation among patients hospitalized with exacerbations of chronic obstructive pulmonary disease. JAMA Intern Med 2014 Dec 1;174(12):1982–93.

From the ambulance to the ICU, and everywhere in between, ResMed's Elisée™ 350 delivers high-quality ventilation to your most critical adult and paediatric patients. With a range of volume and pressure modes, as well as the capability to deliver invasive and non-invasive ventilation (NIV), Elisée 350 gives you a solution to help at every stage of your patients' emergency care.

Advanced performance

- Elisée 350 works with ambient air and high or low pressure oxygen sources, so patients can remain on the same device uninterrupted during transportation and in hospital.
- Oxygen concentration can be set between 21–100%, with precise FiO₂ monitoring displayed onscreen.
- Pressure and flow waveforms are displayed onscreen in real-time for accurate monitoring.
- Nebulisation is integrated and synchronised with the patient's ventilation, with overall flow taken into account.

Lightweight and easy to use

- Patient setup is quick and easy using one of five preset programs, which can be named and organised by function.
- The intuitive touch screen lets you easily adjust settings and access patient information.
- Quick access to respiratory mechanics screens for automatic calculation of lung resistance, compliance and intrinsic PEEP.
- Compatibility with a range of non-proprietary circuits helps streamline accessories and minimise cost.
- The ventilator weighs just 4.5 kg, and is available with a full range of transport accessories.

Equipped for security

- Features adjustable alarms and a dedicated alarm menu, as well as easy comparison of current ventilation parameters.
- A minimum of three hours of battery life with the internal battery, plus an additional extra three hours under typical ventilator settings with the external hot-swappable battery pack.
- Specific NIV alarms and leak alarm settings.
- Backup ventilation based on the 'apnoea time' alarm setting in Pressure Support mode.
- Easy connection to hospital monitoring systems.



Improving acceptance of NIV

Elisée 350's NIV+ trigger technology is designed to deliver excellent patient-ventilator synchrony, optimising NIV therapy so that the need for patient intubation can be avoided – reducing extra costs, length of hospital stays, and risks of infection¹.

Adding to the strength of treatment delivered by Elisée 350, and helping to streamline patient acceptance of NIV, is the disposable, non-vented AcuCare™ F1-0 hospital full face mask.

Speed, stability and success in NIV

Providing a secure, stable fit, the AcuCare F1-0 not only minimises leaks and reduces pressure points, but is also designed to help optimise setup.

With sizing templates on the packaging to aid quick selection and three point, set-and-forget headgear that uses click-in clips, the AcuCare F1-0 is made to easily fit a wide range of facial profiles – first time, for up to seven days of use.



The AcuCare F1-0 hospital full face mask

Confidence in care

The EtCO₂ (End-tidal IRMA™ CO₂) sensor for the Elisée 350 helps clinical decision-making when blood gases are not accessible. It connects easily with Elisée 350 so that patients' carbon dioxide levels can be monitored quickly and non-invasively post intubation and during transport.

Fast and easy setup

- Instant EtCO₂ waveforms display on the Elisée screen
- No warm-up time of sensor required
- Minimal training

Convenient monitoring

Quality ventilation with real-time capnography monitoring at each breath in transport and hospital.

Saving valuable space

No extra equipment needed, making emergency transport and hospital transfers easy.



ResMed's End-tidal IRMA CO₂ sensor