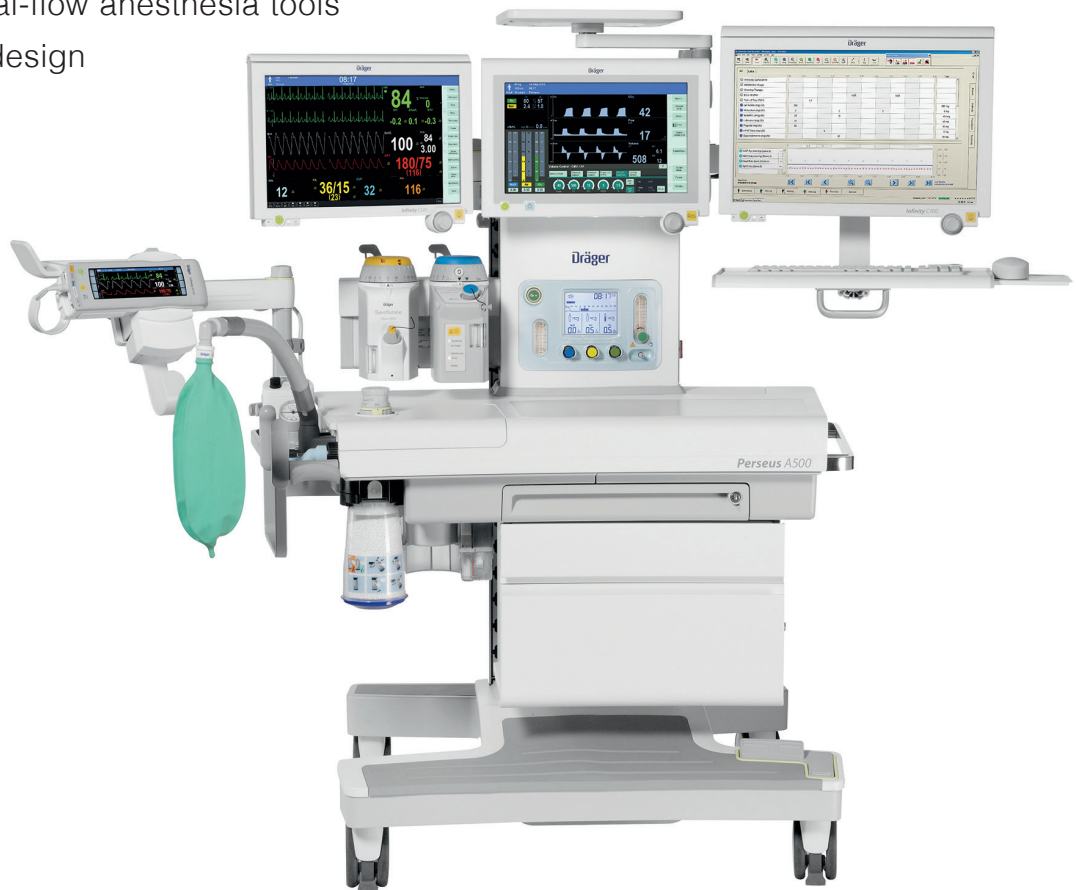




The Dräger Perseus A500 combines proven ventilation technology with the latest refinements in ergonomics and systems integration with an advanced, easy to use anesthesia platform designed together with experts from around the world to streamline your anesthesia workflow.

Features

- Advanced ventilation in the operating room
- Enhanced workplace ergonomics
- Flexible workflow support
- Low- and minimal-flow anesthesia tools
- Award-winning design



Specifications

Dimensions

Height: 58.3 in (148 cm)
Width: 45.2 in (115 cm)
Depth: 31.1 in (79 cm)
Weight: 335 lbs (150 kg)

Power

Power consumption: 70 W, typical; max. 2.2 kW with aux power sockets in use
Electrical mains connection (w/o isolation transformer): 100–240 V~ 50/60 Hz
Electrical mains connection (w isolation transformer): 100–127 V~ 50/60 Hz or 200–240 V~ 50/60 Hz
Maximum power consumption: 12 A
Integrated battery backup time: 30 minutes minimum, 150 minutes typical (new and fully charged battery)

General

Data interfaces: 2 × RS 232 (MEDIBUS protocol), 1x USB, 1x LAN
Integrated power sockets: 4 × country specific (w isolation transformer) or 4 × IEC
Storage surfaces and drawers:
3 drawers:
1 standard (lockable)
2 optional (1 lockable)

Fresh-Gas Delivery Electronic Mixer

Fresh-Gas Flow: Off; 0.2 to 15 l/min
O₂-Concentration: 21 to 100 % in Air, 25 to 100 % (in N₂O)
O₂-Flush: 25 to 75 l/min at 2.7 to 6.9 bar gas supply pressure
O₂-Flow for Auxiliary and Additional Oxygen: Off; 2 to 10 l/min

Standard Modes of Ventilation

Manual / Spontaneous (MAN / SPON)
Pressure controlled: time-cycled (PC-CMV), synchronized (PC-BIPAP)
Volume controlled: time-cycled (VC-CMV), time-cycled AutoFlow (VC-CMV/AF), synchronized AutoFlow (VC-SIMV/AF)



Specifications

Optional Modes of Ventilation

Pressure Support (CPAP / Pressure Support), selectable (PC-BIPAP/PS) and Autoflow Pressure support for pressure controlled ventilation (VC-SIMV/AF/PS), selectable CPAP for Man/Spont
Airway Pressure Release Ventilation (PC-APRV)
External fresh gas outlet (optional)

Other

Patient Demographics: Neonates, pediatric patients, adults
Tidal Volume: 20 to 2,000 ml
Inspiratory Pressure PINSP: 3 to 80 hPa / mbar / cmH₂O
Pressure Limitation P_{MAX}: 7 to 80 hPa / mbar / cmH₂O
Pressure Support Over PEEP: 0 to 78 hPa / mbar / cmH₂O
Respiratory Rate: 3 to 100/min
Inspiratory Time: 0.2 to 10 s
Inspiratory Flow: 0 to 180 l/min
PEEP/CPAP: Off, 2 to 35 hPa / mbar / cmH₂O

