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
## 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 PMAX:** 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