

Landmark VTA-1100 Table Top

Vetland Medical manufactures the Landmark brand of veterinary equipment, which is known worldwide for its innovative design, durability and affordability. Landmark anesthesia systems are engineered to be the finest, safest and most reliable machines available; manufactured by the most capable anesthesia systems support company in the world. Together, we provide safe, secure, positive patient outcomes.

The Landmark VTA-1100 Table Top anesthesia system has proven to be a popular choice among veterinary professionals. Vetland Medical designed the machine to be compact, well balanced and able to withstand the rigors of everyday clinical use providing corrosion free performance for decades to come.

The vaporizer is the heart of every anesthesia system, only Vetland Medical offers a vaporizer that is *calibrated for life!* This represents a substantial savings to the veterinarian over the life of the machine. The Landmark small animal anesthesia system is also available as a rolling floor model, wall mount or dual vaporizer system and is MRI compatible.



VTA-1100 Features

- Neat, balanced, compact design
- Vaporizer calibrated for life/10-year warranty
- Pop-off valve with thumb occlusion
- Proven human quality FDA type valves
- Best heat and moisture conserving coaxial absorber
- 1030 cc absorber is better:
 - Less trapped volume
 - Less chance of "channeling"
 - Quicker anesthetic adjustments
- Quick disconnect fresh gas outlet for non re-breathing applications
- Back cover protects all tubing connections
- 0-4 LPM oxygen flow control with protective stop
- Corrosion proof construction
- Accessory kit with each machine
- Capable of accepting any type vaporizer
- 24 x 7 x 365 technical support



VTA-1100 Technical Specs

Main Body – Ultra High Molecular Weight Polyethylene (UHMW)

Frame – aluminum chassis; powder coated finish

Pressure Gauge – 2-inch diameter diaphragm -10 to +80 cm H₂O

Flush Valve – FDA approved, safe 15-18 LPM oxygen flow[®]

Oxygen Flowmeter – 10-inch dual taper, single float flowmeter;
200 ml – 4 LPM (optional dual function split scale flowmeter; dual floats
200 ml-900 ml/900 ml-4 LPM)

Oxygen Flow Control Valve – sensitive needle adjust with mechanical stop

Pop-Off Valve – FDA approved safe, adjustable pressure limiting, upright,
chrome plated brass body, internal valve disc maintains 2 cm H₂O,
19 mm taper exhaust connection

Inspiratory/Expiratory Valves – nickel plated brass, neoprene directional valves, 22 mm tapered valve port

CO₂ Absorber – quick attachment 1030 cc acrylic canister, single gasket seal with coaxial flow path; utilizing loose fill absorbent. (Vetland recommends the use of Amsorb absorbent)

Drager Vaporizer – precision vaporizer, temperature and pressure compensated; flow range 250 cc to
15 LPM @ 1013mbar at 72° F Isoflurane +/- 15%, Sevoflurane +/- 20% of dial setting.

Vaporizer Mount – universal accepting Tec3, Tec4, Penlon, Drager, Ohio

Gas Supply – pressure regulated 50 PSI supply recommended (range 20 PSI to 60 PSI)

Oxygen Inlet – D.I.S.S. oxygen male thread

Operating Temperature – 59° to 95° F

Pre-Use Checkout – recommended daily

Machine PMC – recommend machine PMC performed annually by a qualified technician.

Drager Vaporizer Calibration – the Drager Vaporizer from Vetland Medical is calibrated for life and has no scheduled rebuild or calibration required. Vetland Medical does recommend as part of the machine PMC, the vaporizer outputs be verified for accuracy.



VTA-1100 Accessories/Options



Amsorb
Jug – #AMAB-3000
Bag – #AMAB-3400



Vaporizer Filler
Iso – #527-2211
Sevo – #527-2231



F/Air Scavenging
Kit #580-1250A



Oxygen Inlet TEE
#910-125

