

ATHENA 500i

Advanced Anaesthesia Workstation



SKANRAY

NOTHING IS OPAQUE



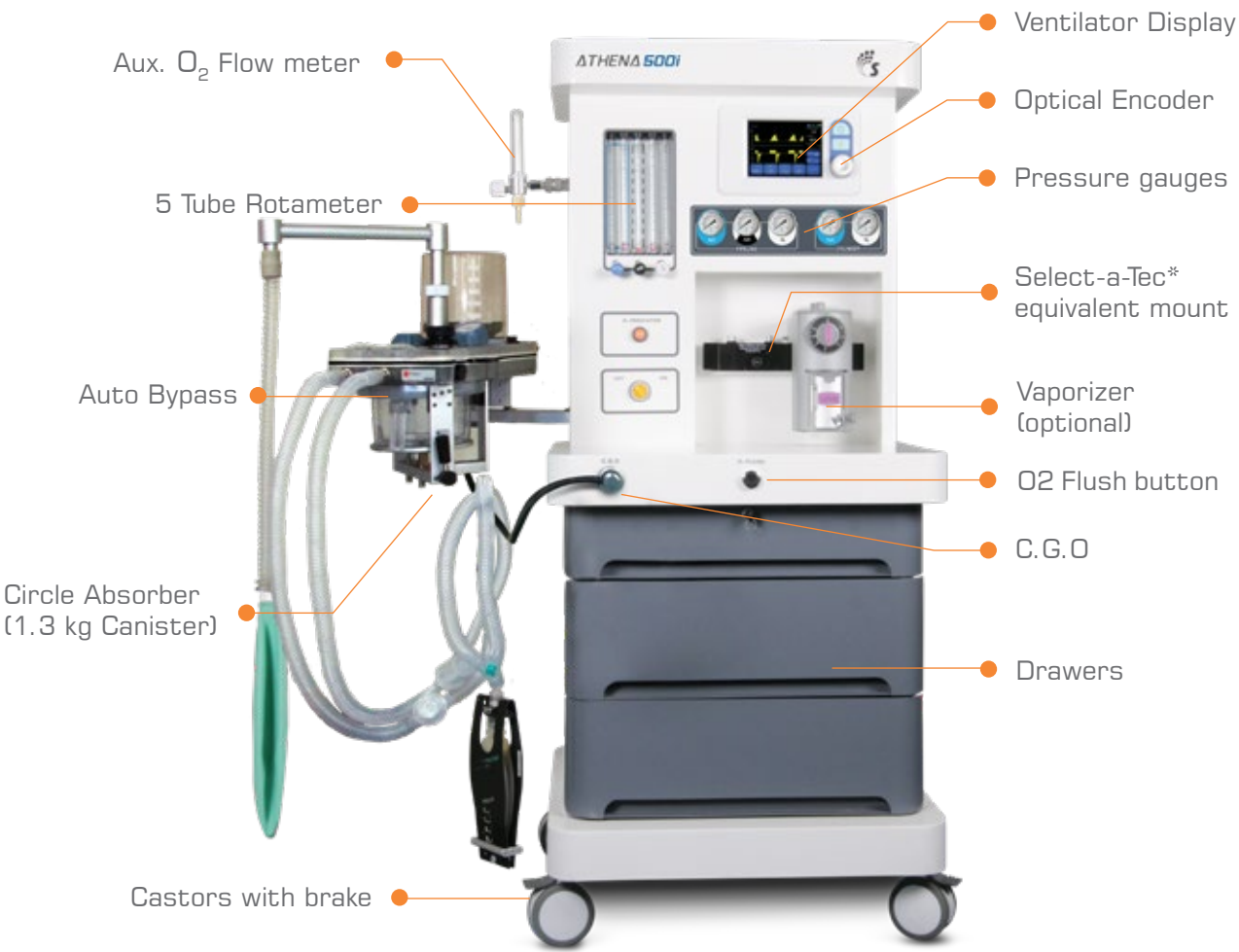
CE APPROVED

RoHS COMPLIANT

Salient Features

- ▶ Complete integrated anaesthesia workstation
- ▶ Built-in multilevel safety features
- ▶ Pneumatic AHD with ratio control
- ▶ Dedicated additional Nitrous Oxide cutoff
- ▶ Internal 3 liter Oxygen reservoir
- ▶ Integrated Ventilator with 6.5" colour Touch display
- ▶ Modes - CMV (VC/PC), SIMV (VC/PC), PSV, SP
- ▶ Circle absorber system with built-in bellows and auto bypass
- ▶ FiO₂ monitoring, P-V/F-V loops, PEEP control with P_{AW} display
- ▶ Advanced closed loop feedback with delivery auto-correction

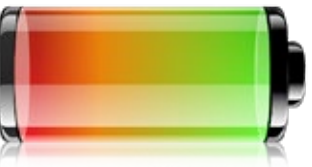
Feature-Packed for Maximum Performance



Ventilation Modes
VC, VC-SIMV
PC, PC-SIMV & PSV
Spontaneous Mode (SP).
Both inspiratory and expiratory minute volume monitoring (mechanical and spontaneous)



Waveforms
Pressure -Time
Flow-Time
Volume-time
Loops
Pressure-Volume
Flow-Volume



Battery back-up
Built-in battery that provides best-in-class support up to 3 hours.



Alarms
Clear audio-visual alarms for various critical parameters with user selectable alarm limits. Alarms and messages are displayed in red color on ventilator screen.



Barotrauma Protection
Barotrauma protection via both electronic and Pneumatic cut off.
Hypoxia Protection
In-built Anti Hypoxia device. Additional Nitrous Oxide cut off also provided as safety when Oxygen supply fails.



Compliance
IEC 60601-1, IEC 60601-2, IEC 60601-6, IEC 60601-8, ISO 80601-2-13. RoHS and CE Certified.



Gas specific **color coded** high performance gauges. 3 for pipeline supply and 2 for cylinder supply. Additional third gauge for 3 cylinder option provided at the back.

Dual Tec® type vaporizer mount with interlocking.

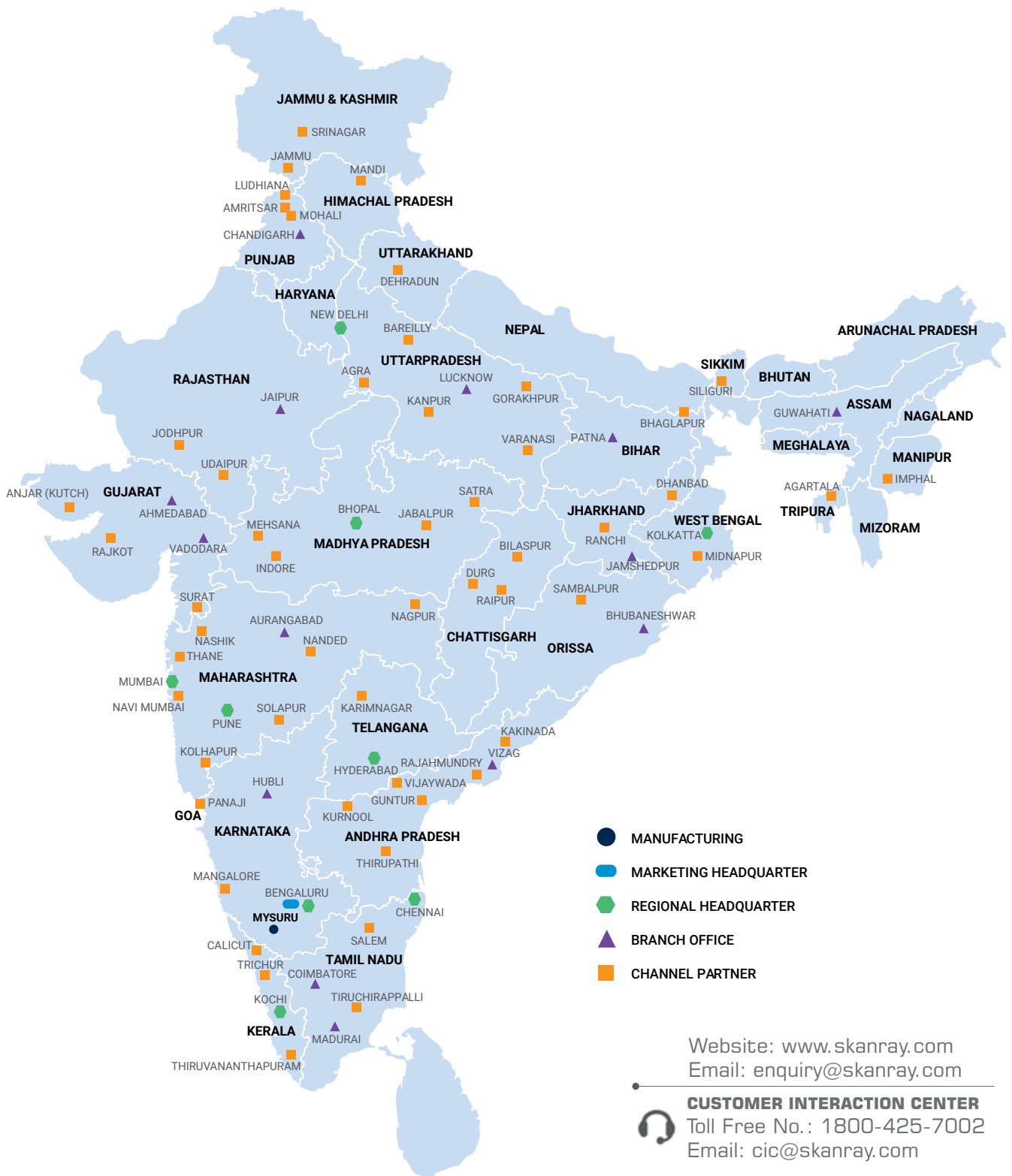
Diameter-Indexed non-interchangeable pipeline Inlets for Oxygen, Nitrous Oxide and Air

Oxygen reservoir cylinder of **3 L** for uninterrupted operation during source change.

Advanced CO₂ Absorber :
▶ Seamless ventilation mode switching option.
▶ Integrated spirometry and oxygen monitor sensors.
▶ Auto bypass for easy refill.



Set Parameters:
Tidal Volume : 20 to 1600 ml
Respiration Rate : 4 to 100 bpm
Inspiratory Pressure (PIP) : 10 to 65 cmH₂O
PEEP : OFF, 4 to 20 cmH₂O
Pressure limit : 10-70 cmH₂O
I : E ratio : 3:1 to 1:8
PID : ON/OFF (Volume correction)
Trigger : Off, 1 - 10 cmH₂O
APNEA time : 5 - 60 seconds
Pressure support : 1 - 30 cmH₂O



RADIOLOGY



MONITORING



CARDIOLOGY



ANAESTHESIA



VENTILATION



DENTAL



SURGERY



TELE SOLUTIONS



VETERINARY

Skanray Technologies Pvt Ltd.

Registered Office: #15-17 Hebbal Industrial Area, Mysore - 570 016, Karnataka. Phone: +91-821-2415559.

Healthcare Division: Plot #360, KIADB Indl. Area, Hebbal, Mysore - 570 018, Karnataka. Phone: +91-821-2407000.

Skanray Europe S.R.L.: Via Cicogna 36, 40068 San Lazzaro di Savena, Bologna, ITALY. Phone: +39 051 6255019.

CUSTOMER INTERACTION CENTER : Toll Free No.: 1800-425-7002, Email: cic@skanray.com, Website: www.skanray.com

Skanray continuously upgrades its technology, performance and safety features. Pictures and specifications featured in this catalogue are only indicative. Please refer to the commercial offer document for exact specifications and performance.

CIN: U72200KA2007PTC041774

