

PLASMA BIONICS

V10 AIR PLASMA STERILIZER

Redefining Veterinary Instrument Sterilization



STERILIZE CRITICAL INSTRUMENTS

- ✓ surgical electronics
- ✓ lumen
- ✓ optics

REDUCE OPERATING COSTS

- ✓ no installation cost
- ✓ low cost per cycle
- ✓ low maintenance

ELIMINATE HARMFUL CHEMICALS

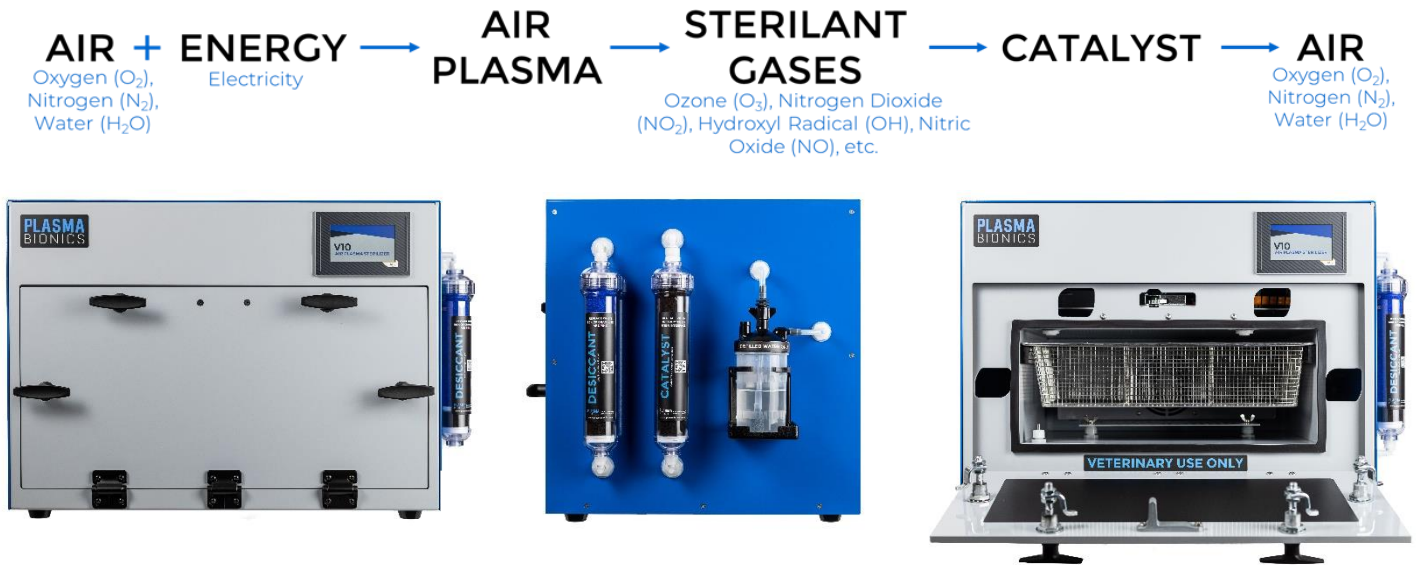
- ✓ no chemical consumables
- ✓ environmentally friendly
- ✓ zero emissions

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INTRODUCING AIR PLASMA STERILIZATION®

The V10 Air Plasma Sterilizer uses just air and electricity to sterilize critical veterinary instruments. The proprietary Air Plasma Sterilization® process produces multiple reactive oxygen and nitrogen species from air that rapidly destroy microorganisms on instrument surfaces. The sterilant gases are converted back into harmless air once sterilization is complete.



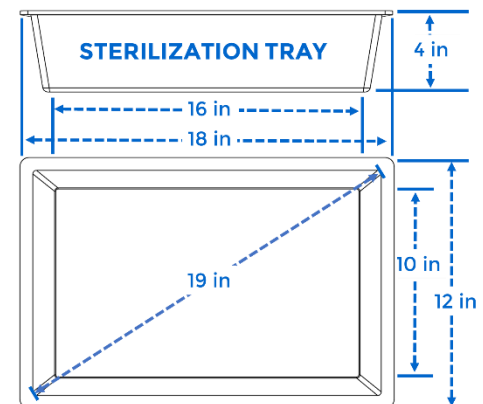
THE IDEAL ALTERNATIVE TO ETHYLENE OXIDE

Safely and easily sterilize critical instruments at least 3 times faster than ethylene oxide, increasing productivity and throughput. The Air Plasma Sterilization® process is compatible with surgical electronics and optics and may extend the usable life of sensitive veterinary instruments. By eliminating the need for high temperature, vacuum, high pressure, and harmful chemicals, the V10 Air Plasma Sterilizer provides a safe, intuitive, and environmentally friendly solution for veterinary instrument sterilization.

| | Low temperature | Installation costs | Chemical consumables | Operating pressure | Cost per cycle | Sterilization cycle time |
|---------------------------|-----------------|--------------------|----------------------|--------------------|----------------|--------------------------|
| Air Plasma Sterilization® | yes | no | no | atmospheric | \$3-\$5 | 4 hours |
| Ethylene Oxide | yes | yes | yes | vacuum | \$20+ | 12-24 hours |

TECHNICAL SPECIFICATIONS

| | |
|-------------------------------|------------------------------|
| Exterior dimensions | 28.75 x 19.25 x 18.75 in |
| Sterilization tray dimensions | 16 x 10 x 4 in |
| Sterilization tray volume | 10.5 L (2.8 gal) |
| Weight | 110 lbs (49.9 kg) |
| Operating temperature | 5-40 °C (41-104 °F) |
| Storage temperature | -25-60 °C (-13-140 °F) |
| Electrical requirements | 110-120 VAC, 50/60 Hz, 6.5 A |
| Preconditioning time | 15-20 min |
| Sterilizing time | 3 hrs |
| Ventilating time | 45 min |



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