



# Intensive Care Unit Brochure

# UC-1901



The Kanistar ICU UC-1901 from JD Medical is the perfect solution for animal intensive care. The result of almost two decades of research and development, led by an experienced veterinarian who is passionate about animal health, this state-of-the-art unit features cutting-edge technology that makes it the top choice for veterinarians, zoos, and universities. With normothermic maintenance as a top priority, the UC-1901 provides regulated temperatures, humidity, and oxygen saturation levels to ensure your animal patients receive the best possible care.

Setting the temperature is a breeze with our cross-circulation heaters, while the integrated air conditioning unit ensures a cool environment. The user can set the heating parameters from 59°F to 100.5°F, allowing you to customize the settings to meet the needs of a wide variety of animals. You can also maintain humidity in each individual chamber with just a few touches on the interface. Integrated into the machine is automatic dehumidification, with three stages to choose from.

The UC-1901 Animal ICU machine features four male DISS adapters on the back, making it easy to install your oxygen connection. Each cabinet has its own flow meter, allowing you to regulate the flow of oxygen to each cabinet. You can set oxygen saturation parameters from 21%-65%, with each fully sealed unit reaching 40% oxygen concentration in under 25 minutes - making this a perfect oxygen therapy cage.

Nebulization is a simple process with our integrated system. You can set a time between 0 and 90 minutes for nebulization, and it will shut off automatically when done. The rate of nebulization is  $\geq 0.2\text{ml/min}$ , with a particle size of  $0.5\text{-}2\mu\text{m}$ , and the nebulizer is very quiet with noise  $\leq 40\text{dB}$ .


We also offer several lighting features that set the UC-1901 apart. Our 10-stage amber lighting adjusts in brightness and can be set on a timer. The white examination light ensures adequate lighting for caretakers. Blue light therapy has been shown to ease the psychological stress that injured animals go through, so we've included a blue light therapy light to help aid in their care. Finally, our UV disinfection light is used between patients to help prevent cross-contamination - with germicidal efficacy at 254nm.

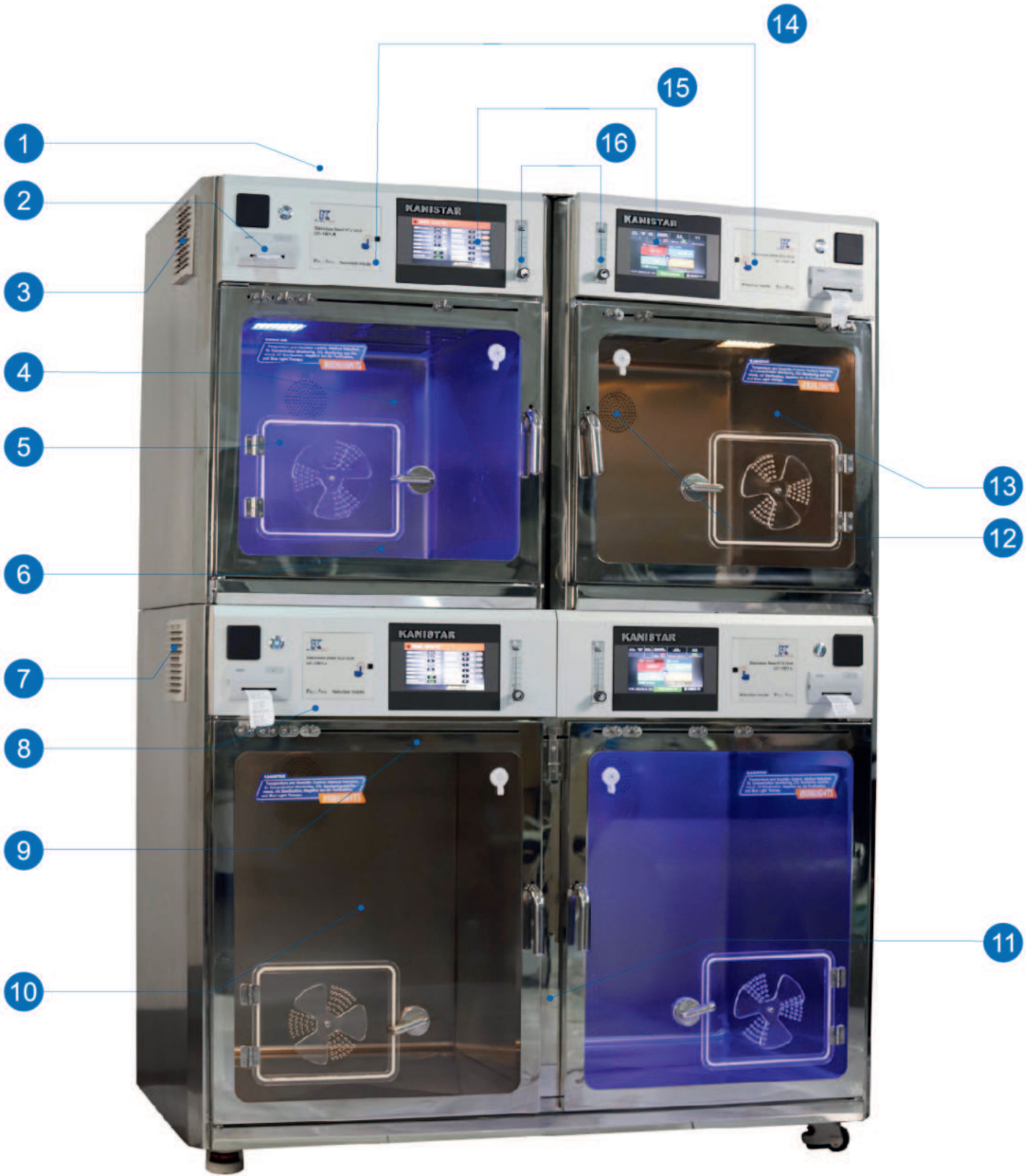
Instead of compressed wood that some of our competitors use, the UC-1901 Animal intensive care units are completely made of stainless steel, reducing the potential for bacterial growth in an environment meant to help animals heal. Your machine will be delivered fully set up. You will only need to plug in your oxygen source, plug in the power cord, attach the condensation hose and get started. Included in the touch screen interface of the unit is an on-board troubleshooting guide, to help any vet tech learn and remember how to set the parameters needed for patient care.

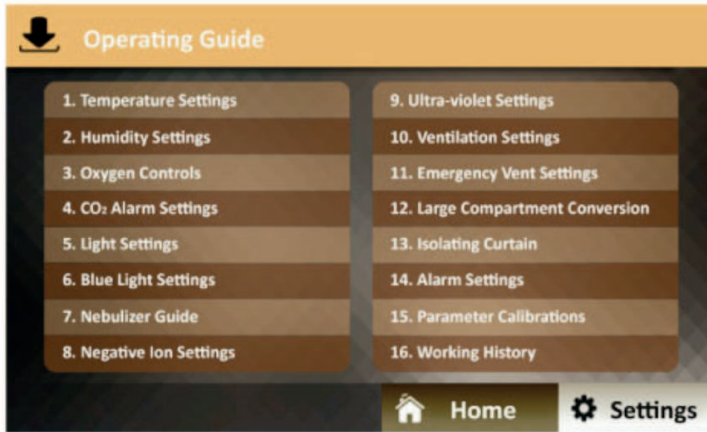
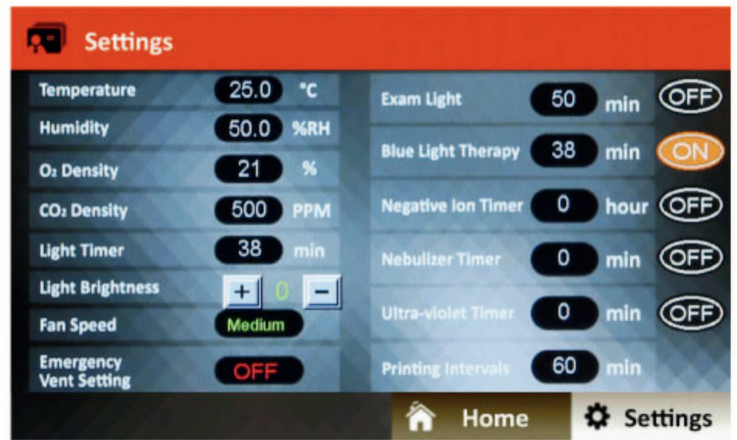
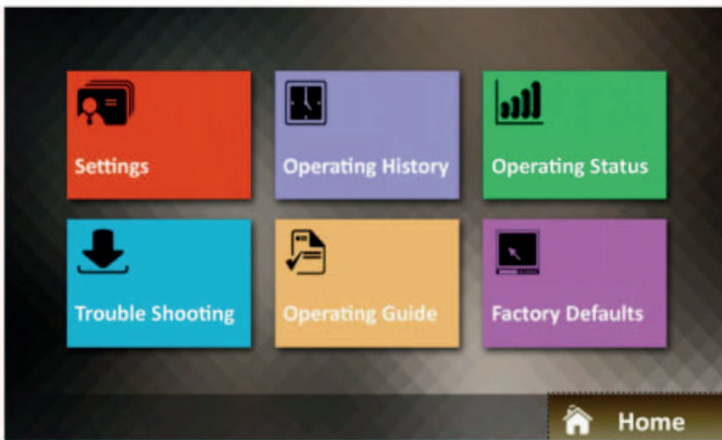
Each UC-1901 animal intensive care unit comes in the configuration of large cabinets stacked on top of one another. The large cabinet can be split into two separate medium cabinets by inserting the middle divider. When the divider is inserted, it becomes two medium cages with two separate control units. In all, you will have four separate medium units with four separate control systems to work from or two large units with two control systems.

We've also integrated several alarms and an emergency ventilation system for added safety. Our fully sealed door comes with an easy to use, durable handle, a nebulization port, an infusion line port, and a sealed portal door with a vent to help you easily access the animal patient.

Invest in the Kanistar ICU UC-1901 and provide your animal patients with the best possible care. With its leading quality, durability, and commitment to animal health, it's the perfect choice for any veterinary practice or animal care facility.







5'W×3'D×6'H Approx.

1. Heating & Cooling Equipment
2. Built-in Printer
3. Filter(Vent)
4. Ultraviolet Sterilization Light
5. Vent Door
6. Functional Door
7. Filter (Vent)
8. Four Directional Heating & Ventilation System
9. Carbon Dioxide Monitoring System
10. 3 Way Illumination System
11. Central Divider
12. Emergency Vent
13. Negative Ion Generator
14. Nebulization Compartment
15. Smart Control LCD Touch Screen
16. Oxygen Flow Meter



# UC-2008



# UC-2007



**Dimensions:**

**UC-2008 – two cabins that can be divided to  
make four cabins**

Overall: 56.5"W X 34"D X 62"H  
Internal Cabin: 45.65"W X 23"D X 28.15"H

**UC-2007 – two cabins**

Overall: 40.8"W X 34"D X 69.5"H  
Internal Cabin: 31"W X 23"D X 24.25"

The newest additions to JD Medical's Intensive Care Units are the UC-2008 and the UC-2007. These two units are perfect for emergency rooms, hospitals, large or small clinics and have the ability to serve a wide array of species of animals.

Each cabin can regulate humidity, temperature, and oxygen saturation. Oxygen is fed through the side of the machine with its own regulator. Each unit comes with a DISS to ¼" oxygen adapter. The cabin can achieve and maintain 60% oxygen saturation within 30-45 minutes.

The bottom of each cabin has a thermostatic bed, allowing the care giver to provide cooling or heating for a hyper- or hypothermic animal while maintaining the separate ambient cabin environment. This helps cool or warm the animal patient without putting them at risk of further complications. Not only can you heat each cabin, but you can also cool them as there is an attached air conditioner.

These units come with UV disinfection light to help eliminate any cross contamination between animal patients. It is equipped with near infrared light to help aid in the quick recovery of your animal patient. There is a softer amber light and a bright exam light as well.

Your unit will come with an integrated nebulizer to help dispense medication as needed.

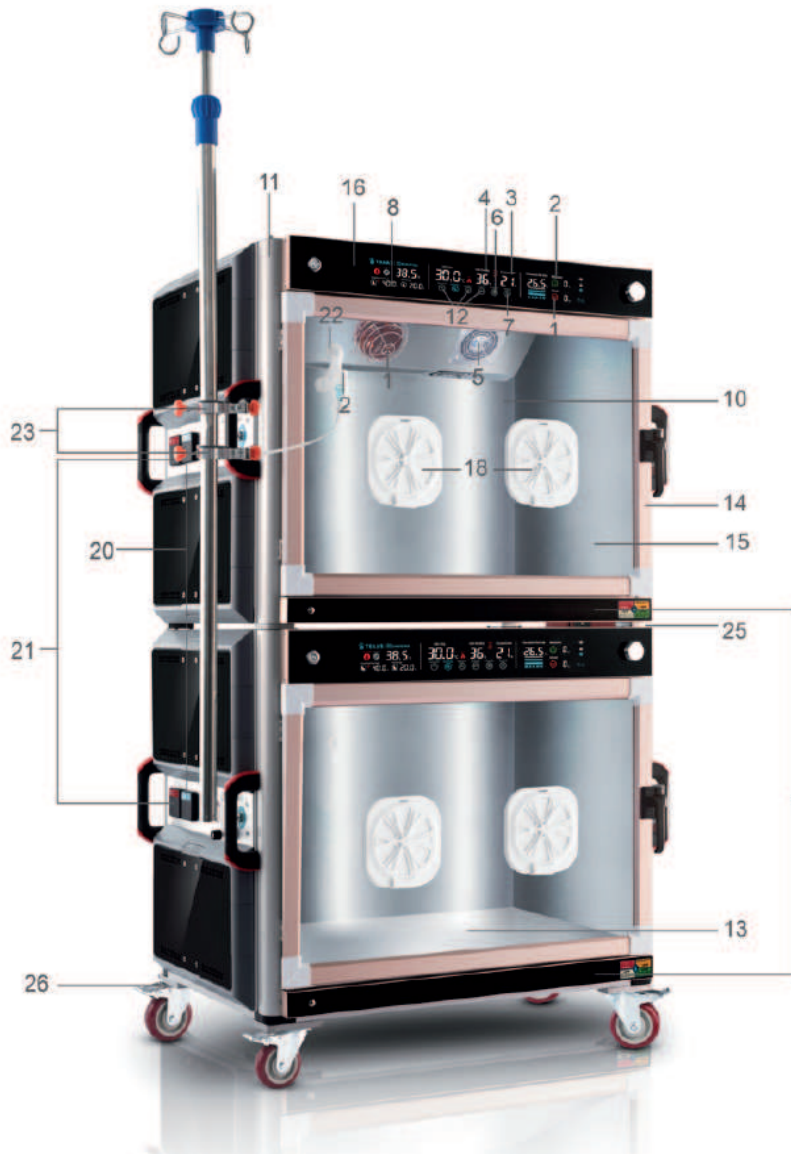
To help purify the air in the cabin and promote a healthier environment, each unit is equipped with an Anion button that allows for the generation of negative ions.

With safety being our number one priority, our ICU's provide several features to bring you ease of mind. There is a patented emergency ventilation port that will pop out if the machine loses power. This will allow fresh air into the cabin. There are alarm systems on each parameter to alert the user if the machine goes beyond the desired parameter.

Your unit will come with a storage shelf, nebulizer cups, a humidifier, a privacy curtain, an AC unit, and a rolling base with lockable caster wheels.

Along the bottom of each cabin is a nursing indicator light. The light can rotate between green, yellow, red and white, allowing the vet technicians to communicate visually between shift changes which animals need the most immediate attention.

The UC-2008 has a divider panel that allows you to have one large unit or two medium size units.





1. Infrared Physiotherapy
2. Built-in Medical Nebulization
3. Oxygen Concentration Control
4. Humidity Control (External Humidifier Needed)
5. Overhead Double Circulation Heating System
6. Adjustable Amber Light for Comfortable Illumination
7. White Examination Light
8. Self-Adaptive Temperature Control System (PRO Model Only)
9. IP Camera for Real-time Observation on Smart Devices (Pro Model&Optional)
10. Large Transparent Door to Easily Check Animal Status
11. Double Insulated Body for Better Heat and Oxygen Preservation
12. Triple Air Purification System -Ultraviolet, Negative Ion, and External Circulation
13. Thermostatic Bed with Mutual Accurate Temperature Control
14. Aluminum frame on Front Door for Better Oxygen Sealing
15. Food/Medical Grade Stainless Steel Inner Body for Effective Sanitation Management
16. Large Touch Screen for Ease of Use and to Aide in More Visible Alerts
17. AI (Artificial Intelligence) Controlled Alarm System for Machine Errors like Abnormal Temp inside the Cabin, Abnormal Humidity, Abnormal Oxygen Concentration, and Abnormal Temp of the Thermostatic Bed
18. Hand Access for Easy Treatment with Ventilation Adjustment
19. Enclosing Large Enough to Accommodate a Large Dog Standing Comfortably
20. Programmed Power Supply for External Devices like Humidifier
21. Uninterrupted Power Supply for Other Add-on Devices like Vital Sign Monitor
22. Oxygen Sealing Transfusion Portal
23. Infusion Post Fixture(optional)
24. Side Storage Cabins
25. Easy to Stack Design, Two Levels for Better Space Efficiency.
26. Stack-on Detachable Wheel Base for Mobility
27. Patented Emergency Ventilation Port
28. Interactive Indicator Light Band at the Front Bottom



## UC-1801

- Comes in White or Teal
- Temperature control
- Built in Nebulization
- Oxygen Supply Port
- CO2 Alarm System
- 10 Stage Lighting
- Humidity Control
- UV Disinfection



## UC-1803

- Temperature control
- Oxygen Supply Port
- CO2 Alarm System
- 10 Stage Lighting
- Humidity Control
- UV Disinfection





### **3L OXYGEN CONCENTRATOR**

This 3 liter oxygen concentrator is the perfect companion to your incubator. A LCD display allows for easy and accurate air flow management. Extremely quiet This machine has a timer function that can be set in the range of 10 minutes to 2 hours. This oxygen concentrator comes with a remote to help easily change settings from across the room. USA made molecular sieve and long-lasting compressor. Connect it to your incubator to serve oxygen to your litter.



### **NEONATAL ANIMAL ASPIRATOR**

This neonatal aspirator will help clear out the lungs and nasal cavities of your puppies and kittens. This aspirator has variable pressure and is very easy to use. Perfect for puppies who are aspirating on milk or animals who have just been born. Oil free lubrication pump to keep the environment from being polluted by the oil mist. Low noise. Square negative pressure meter, and plastic cover. Negative pressure regulating system can be adjusted easily. Small in size, light in weight and portable.



### **EXTERNAL NEBULIZER FOR THE UC-1803**

This external nebulizer is the perfect addition to the 1803 Breeder's incubator. When plugged into the bottom left of the machine, it will integrate into the unit's control system, allowing you to set the nebulizer to dispense medication in 10 or 20 minute increments. The nebulizer will automatically shut down after the time has lapsed,



### **ROLLING SHELF FOR BREEDER'S INCUBATORS**

This rolling shelf is the perfect storage solution for any breeder who has one or more of the 1801 or 1803 incubators. With four lockable wheels, an upper shelf to hold your oxygen concentrator or other accessories, and space to hold two units, your workspace will become organized and efficient!



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