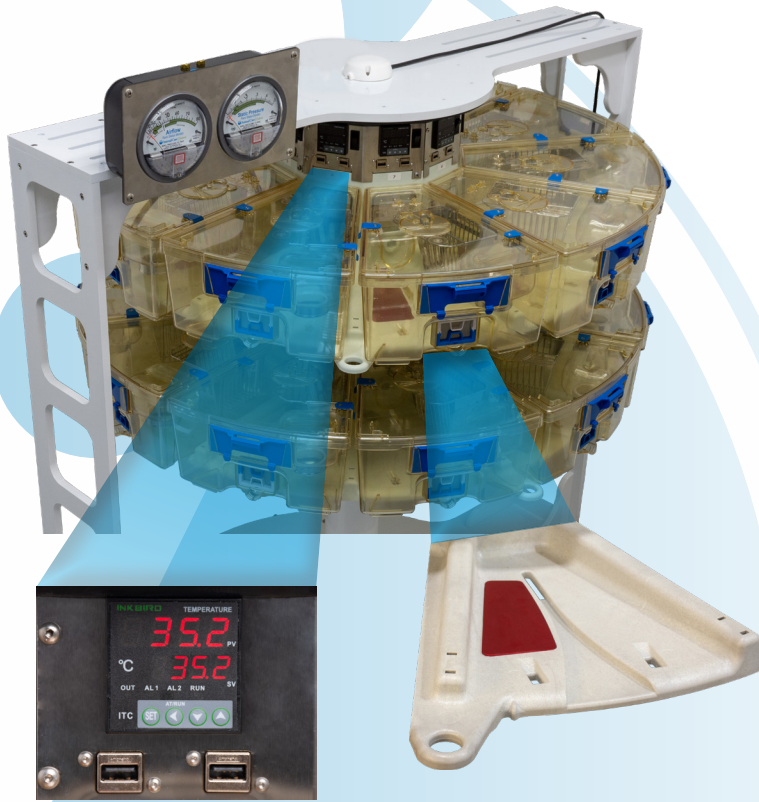




SMART System



The SMART System offers heated comfort under a portion of the cage floor.

The mice thermoneutral zone is between 26 and 34 degrees Celsius; however typical housing rooms are kept between 21 and 26 °C. Cold-stressed mice develop dramatic changes in physiology, behavior, and immune function and skew experimental results.

Robust mice cope by using nesting material, but many mice benefit from having thermal support.

- ✓ **Self-Select Thermo Environment**
Allow mice to control their environment by moving on or off the heated area.
- ✓ **Reduce Stress**
Reduce stress and maintain homeostasis by counteracting chilly holding rooms.
- ✓ **Thermal Comfort**
Provide heated comfort for pups, fragile breeders, and animals recovering from surgery.
- ✓ **Temperature Control**
Control each cage temperature to ± 1 degree Celsius.
- ✓ **No More Unsafe Solutions**
Eliminate unsafe or unwieldy custom solutions like retail heat pads or gloves filled with warm water.
- ✓ **Improve Technology**
Utilize secondary technology using USB ports with each unit.
- ✓ **Improve Visibility**
Maximize animal visibility.
- ✓ **Added Benefit**
Use existing Optimice cages.

Specifications

Heating Capacity: 10 cages
Cage Heated Floor Area: 67.1 square centimeters (10.4 in²)
Total Capacity: 20 cages
USB Ports Per Station: 2 ports