

# THE CROSSOVER



## DESIGNED FOR VIVARIUMS

The Crossover was designed to provide the cage sterilization capabilities of a bulk autoclave at a price point and dimensional footprint more in-line with a medium-sized laboratory sterilizer.

### *Optimal Throughput*

No longer are vivariums limited to bulk 72"x86" sterilizers when that large space simply is not needed. With a standard 36"x48" Crossover, vivariums get the sterilization capacity they need without the utility costs of operating a larger than necessary sterilizer. The chamber's 72" standard depth provides 124,416 cubic inches of chamber space compared to a standard hinged quarter-turn door (24"x36"x48") with only 41,472 cubic inches of chamber space.

### *Saves Usable Space*

When compared to a full size bulk, the Crossover saves significantly more usable floor space than a standard bulk. In addition, the pitless design allows the sterilizer to be installed without the need for pit construction required on other bulks.

### *Cost-Effective*

If a full sized bulk is not needed, then why pay for it? The smaller Crossover size significantly reduces material cost and the manually operated door requires fewer costly automated components for door operation.

## BETA STAR INNOVATION

Beta Star continues to make product improvements and innovations to meet unique customer requirements. Our professional team of engineers works closely with our sales team to develop solutions to fulfill unique laboratory sterilization needs such as this cost-effective cage sterilizer.



## QUARTER TURN DOOR

The Quarter Turn (radial arm) door is a less than one quarter-turn, easy operation hinged door with safety interlock and positive mechanical lock. The four sided door retention system is ASME Section VIII Certified.



### *Engineered for Safety*

Each door system is equipped with both automatic locking and sealing subsystems. The locking system is used to ensure that once the autoclave begins a cycle, the door gasket remains locked until the system has reached a safe to open state. We also have a door seal test system that must be satisfied prior to allowing steam into the chamber. The sealing system uses compressed air to activate the seal once the door is closed and locked.