

Envetec 200 series

The Envetec 200 Series has been specifically designed to ease the burden and to streamline handling and treatment of potentially bio hazardous medical waste, whilst simultaneously reducing the costs associated with its removal and destruction.



Upon completion of a treatment cycle, the resulting shredded and **decontaminated waste** is safe for disposal in **ordinary trash** receptacles intended for treated regulated medical waste.



Change more into less.



>> Mode of Operation <<



Step 1 - Operator Log In

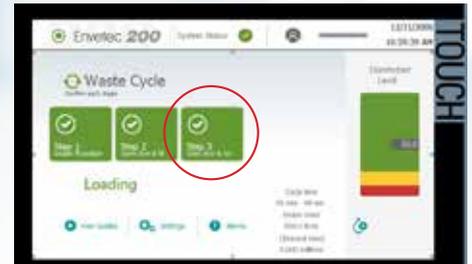
The operator will login to the system HMI via the touch screen HMI.

- 'Select the Waste Cycle' touch button opens the loading bay door.
- The operator places the untreated waste in the receiver and closes the door.



Step 2 - Initiating Cycle

The Operator will initiate the automated waste cycle by pressing the 'Close door and run' button, as illustrated below, on the self-explanatory HMI touch screens.



Step 3 - Filling

The first phase of the decontamination is the introduction of water and the decontaminating chemical agent into the untreated water. This is the 'filling stage'.

Step 4 - Shredding & Mixing

The next phase of operation is the 'Shredding and Mixing' stage. The Envetec 200 Series system has been programmed to dynamically shred the waste load utilising both the primary and secondary fixed and rotary cutters. It will use its cutting teeth to shred and reduce the particle size being approximately 10-15mm, (approx. ½ inch) whilst mixing it with the disinfectant solution.



Step 5 - Discharge and Washing

The final phase of the operation is the 'Discharge and Washing' phase. The treated waste is transferred into the Envetec Series 200 dewatering unit to separate the solid particles from the liquid effluent waste. The treated solid waste is transferred into a general waste bag located in a waste bin, whilst the liquid effluent drains into the sewage system. Once the bag is full, the treated material can be disposed of as regular 'black bag' or 'general' waste.



www.envetec.com