MEDICAL WASTE STERILIZATION SYSTEMS
Vertisa is a company that develops Technology for environmental solutions related to the sterilization of medical waste for hospitals, laboratories, research centers and the medical industry in general.

We are a full service company providing sterilization and shredding systems for the management of hospital contaminating materials, such as treatment of infectious medical waste among other applications.
The essence of our solution is that contaminated waste is crushed into small pieces then steam sterilized in our equipment made of sturdy stainless steel. The waste mass is subjected to 4 bars of pressure and 138 °C for 10 minutes, achieving complete sterilization. The operation is fully automatic and the cycle lasts 30–60 minutes. The result is a crushed (sterilized) mass which can now be disposed as ordinary waste. In addition, the volume decreases by 60% to 80%. 

Integrated equipment (shredding and sterilizing) and compact
Storage room
INTEGRATED SHREDDING AND STERILIZATION

The crushing and sterilization processes are carried out in a single equipment.

The contaminated waste is sterilized and crumbled into small parts completely in our equipment.
Crushed and sterilized waste

- Sterile waste, with no degree of infectious danger
- Decrease in volume (60–80%)
VERTISA is a solutions developer for medical waste management. Our mobile solutions allows you to reach anywhere the waste is to be treated at the place of its generation or Transfer Stations, right at the spot.
Mobile Compact System
A small unit that sterilizes infectious waste using temperatures that do not reach the point of incineration. It is recommended for hospitals, dialysis centers, laboratories or any medical center that produces infectious medical waste.

The units treat all types of "red bag" infectious waste and sharp containers.

Metal parts such as single use scalpels, syringes, glass, dialysis materials and plastic products, gloves, paper and cloth and other infectious materials.
Characteristics

- Treatment without combustion, that does not emit Dioxins and Furanos to the atmosphere
- Decrease in volume of waste or waste to be treated
- There are no leachate spills
- It is not necessary to use safety fillings since the residue becomes common waste after treatment
About AXL

- **Promed AXL** are "Plug and Play" systems that occupy a space of 2x2x2 meters, and they have built-in electric steam generator.

- **Promed AXL** is very easy to handle, with a drastic reduction of moving parts, which results in very low maintenance costs and it is all integrated.
Compact system

- **Promed AXL** for its size and efficiency is available in different version and options according to the requirements, code, regulations, local laws, and client specifications.
Compact system

- The time and temperature parameters used ensure high sterilization levels.
- It has a touch screen and a printer that allows the operator to keep track of treated waste, each cycle.
CONTROL PANEL

Control and monitoring system that records the entire treatment cycle, it generates a printed report that includes: date, time of cycle, quantity and volume treated, temperature applied during the process, time of each phase of the process. Additionally, it allows monitoring from the factory, for recommendations and suggestions.
Thank You

CONTACT:
VERTISA USA
MEDICAL WASTE TECHNOLOGY, LLC
3956 Town Center Blvd STE 217
Orlando, Florida 32837. USA
TEL. 407-255-8377
FAX: 4075773441
info@vertisausa.com
www.vertisausa.com