



**Drumbeaters  
of America Inc.**



Drum Crushers  
Drum Washers  
Drum Washers Crushers  
Tote Washers  
Drum Cleaning Solutions



## Cryo Cleaner Systems

Innovative patented system which cleans residues from containers without the use of soaps, solvents or water.

Clean metal or plastic containers without using soaps, solvents or water with our unique patented cryogenic cleaning system! Using the science of cryogenics, you can clean previously hard to handle products such as mastics, paints & resins (to name just a few) in an environmentally safe and economic fashion.

Benefits include reduced plant operating costs, environmental compliance, a worker-friendly safe cleaning area, the ability to recycle residues for reuse and elimination of RCRA liability. Frozen plastic containers may also be smashed into small pieces for more economical disposal or recycling. By applying the science of cryogenics, we are able to provide companies an economical and efficient method to clean pails and drums.

This procedure results in not having to use solvents or other fluids to clean left over residues from containers and thereby reduces the volume of waste generated during the cleaning process.

### Benefits of Cryo-Cleaner® System:

- No V.O.C.'s emitted into air.
- Non-Flammable & Non-Hazardous.
- No worker contact with solvents and fumes.
- Many containers can be recycled for reuse.
- Very rapid pay back by recycling.
- Reduced disposal and transportation costs.
- Eliminate RCRA Liability.
- Equipment is fully portable.
- Economical and safe method to clean containers.
- Environmentally safe cleaning process.
- Low Maintenance.
- High Labor Productivity.
- No increase in volume of waste products.
- Can shatter plastic containers for recycling or disposal.

### How the Cryo-Cleaner® System works:

The cryogenic cleaning process is simple. Freezing the container and its residues down to temperatures between -200 and -300F will embrittle the residues for easy removal.

At these low temperatures the container will contract and the residue in the container will expand. When this occurs, the bond between them is broken and the frozen material can be easily removed from the container.

Once the pail or drum is removed from the freezing chamber, a fast tap or two with a rubber mallet on the container's sides and bottom or vibration with the SRR 45 Vibratory System will completely remove most residues from the container's interior.



Besides just cleaning containers, the Cryo-Cleaner® process allows you to smash/crush plastic containers once they are frozen. The small pieces can then be recycled or placed into landfills. In some cases, the recycling of the plastic pieces may even provide a source of income.

### **The SRR45 Vibratory System**

Is used in conjunction with Drumbeaters of America Inc.'s Cryo-Cleaner® Chambers and Cryo-Cleaner® Tunnel.

After a container with residues is frozen, residues can either be removed by impacting the sides and bottom of the container with a rubber mallet or by placing the frozen container upside down in the SRR45 Vibratory System.

The strong vibratory action of the SRR45 causes the frozen residues to fall out of the container and into a residue collection drawer at the base of the SRR45

**We sell directly from Elburn IL, USA**  
**We have worldwide distribution**

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SRR45 Vibratory System Accessory:  
Used to remove frozen residues from drums after freezing.

