

Aerovit SC-Jet Test Unit

Experience increased cleaning with the Aerovit SC-Jet Test Unit



The Aerovit SC-Jet Test Unit is a mobile version of the Aerovit SC-Jet shower cleaning solution, designed for hands-on demonstration and exploration of its advanced cleaning technology.

The SC-Jet Test Unit retains the fundamental benefits of the mounted SC-Jet system, enabling customers to experience its superior cleaning capabilities in a flexible, portable format.

This system provides an innovative solution for online cleaning of open passes in boilers used in waste-to-energy incinerators and biomass combustion plants.

It operates at high temperatures, efficiently removing deposits from water-cooled walls while the boiler remains in full-load operation.

The mobile SC-Jet Test Unit features a frequency-controlled motorized drum, durable reinforced hose, and stainless-steel construction for reliable, long-lasting performance.

Features:

- **Easy Mobility:**

Mounted on wheels for seamless positioning and operation.

- **Enhanced Durability:**

The SC-Jet Test Unit and nozzle head is constructed of stainless steel for enhanced durability and extended service life.

- **Efficient Cleaning:**

Six nozzles delivers laminar water jets, ensuring maximum deposit removal.

- **Adjustable Performance:**

Frequency-controlled motorized drum for customizable cleaning speeds.

- **User-Friendly Operation:**

Handheld controller with a 2-meter cable for convenient, safe operation.

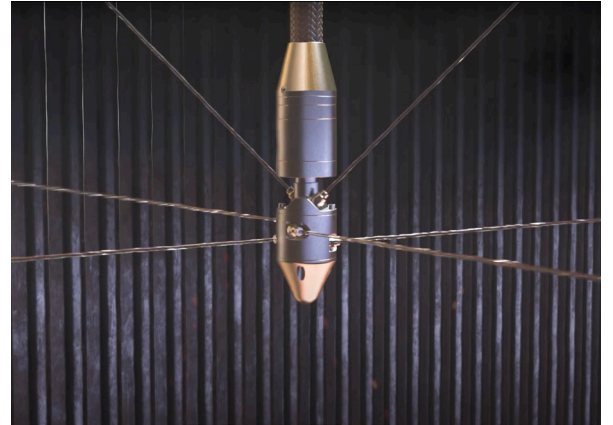
The SC-Jet Test Unit is mounted on wheels for easy maneuverability, and simplifies positioning and operation.

Aerovit SC-Jet Nozzle Head

The Aerovit SC-Jet features a unique rotating nozzle head with six nozzles, delivering concentrated water jets that reach over 5 meters onto heating surfaces to ensure efficient deposit removal.

The laminar water jets maintain their shape and strength over long distances, which ensures minimal turbulence and water dispersion. Upon contact with the hot surfaces, the large water droplets expand instantly by 1,700 times, transitioning from liquid to gaseous form in accordance with the natural laws of physics.

The large droplets penetrate the micro-openings in the fouling and rip off the fouling without requiring additional power or pressure.



Features:

- **Unique nozzle head**

The innovative design delivers precise and effective cleaning. The nozzle head sprays the water more than 5 meters for optimal cleaning.

- **Low pressure operation**

So the water jets remain intact and do not split

- **No excess water**

The jets are directed exactly where needed to achieve optimal cleaning

- **Explosive vaporization**

The water instantly evaporates upon contact with the hot boiler surfaces, generating a powerful force that tears slag from the walls.

Handheld Controller:

The SC-Jet Test Unit includes a handheld controller with a 2-meter cable, offering precise and safe operation. The controller allows users to adjust the cleaning speed via frequency control and operate the drum with intuitive "Up" and "Down" buttons.



The compact and ergonomic design ensures convenience during use, providing full control of the cleaning process.



Scan or click the QR code to watch a short video about Aerovit SC-Jet Shower Cleaning.