

SAMSON USA

HIGH PURITY CAPABILITIES



High Purity Automated
Cleaning & Assembly Facility

SMART IN FLOW CONTROL

High Purity Automated Cleaning

SAMSON USA, headquartered in Baytown, Texas, offers high purity cleaning for a range of industrial products. The SAMSON high purity cleaning process begins with using an Intersonik fully automated cleaning system. This automated system allows SAMSON to provide repeatable, consistent, and effective cleaning results for our customers while using an eco-friendly system.

The first stage of cleaning includes pressure washing with eco-friendly cleaning agents (Blue Gold Solution). Next, ultrasonic cleaning and deionized water rinsing is used, followed by 2 stages of drying with hot air and vacuum drying. This results in effective cleaning exceeding requirement of ASTM G93 cleanliness level B.



System Capacity

- 440 lbs (200 kg)
- 27.5" x 27.5" x 16" (700x700x400 mm)

Clean Assembly



The 1600 ft² SAMSON clean room is capable of handling the vast majority of high purity applications such as oxygen, chlorine, industrial gases, and various other media. The state of the art high purity clean room is certified to meet and exceed ISO 14644-1 class 8 requirements.

Key Features:

- Filtration system that consists of 2 sets of prefilters and motorized HEPA filters—with rated efficiency of 99.99% at 0.3 micron or larger particles
- Positive pressure clean room that prevents contaminants from entering
- White light visual inspection capability
- Ultraviolet light inspection capability
- Testing stand free of oil, grease, and is capable of test pressures of 580 psi (40 bar) with clean air

INTELLIGENT, COMPREHENSIVE SOLUTIONS

SAMSON

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AIR TORQUE · CERA SYSTEM · LEUSCH

SAMSON's technology has proven its value worldwide in a variety of industries. We are trusted in many of the world's most challenging applications to achieve precise control with a high level of safety and reliability.

We offer engineered solutions from a single source. With our extensive range of valves, actuators, and accessories we have the right products to suit your requirements.

Our linear and rotary control valves are equipped with SAMSON positioners that allow seamless integration into process control systems.

Continuous investment in research and development allows us to stay at the cutting edge of technology. With over 100 years of experience and expertise, you can count on SAMSON to provide a robust solution for your application.

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