

Aviation Cataloge

Hawkstein



**HIGH PRESSURE SYSTEMS, TESTING
SOLUTIONS & AUTOMATION FOR AVIATION
INDUSTRY**

www.hawkstein.com

Hawkstein Technology Private Limited

GSE SOLUTIONS

Ground Support Machines



UGSSN₂

UGSSN2 is a nitrogen servicing unit designed for aircraft applications, providing clean, dry nitrogen for tire inflation and strut servicing.

HYDRAULIC SYSTEM TESTER

HST (Hydraulic System Tester) is a ground support unit used to test and simulate aircraft hydraulic systems under controlled pressure and flow conditions

UGSSO₂

UGSSO2 is an oxygen servicing unit designed for safe charging and replenishment of aircraft oxygen systems used by crew and passengers



UGSSN₂

UGSSN2 is a nitrogen servicing unit designed for aircraft applications, providing clean, dry nitrogen for tire inflation and strut servicing.

It ensures safe, controlled pressure delivery with high reliability, making it an essential Ground Support Equipment for MRO and line maintenance operations

GSE

HST

HST (Hydraulic System Tester) is a ground support unit used to test and simulate aircraft hydraulic systems under controlled pressure and flow conditions.

It enables accurate performance checks, leak detection, and functional validation of hydraulic components during MRO and maintenance operation



UGSSO₂

UGSSO2 is an oxygen servicing unit designed for safe charging and replenishment of aircraft oxygen systems used by crew and passengers.

It ensures precise pressure control and contamination-free oxygen delivery, making it essential Ground Support Equipment for MRO and line maintenance operation



ENGINEERING EXCELLENCE FOR THE SKIES

**Elevating Standards. Accelerating
Performance. Keeping You Flight-Ready.**



NOZZLE TESTING

Stage II Aviation Nozzle Testing Machine & Aviation component Leak Testing System

IMPULSE TESTING

All components must undergo rigorous life cycle testing to identify specific failure points and determine overall service life using Hawkstein impulse and endurance systems

CALIBRATION

Calibration system ensures accurate measurement of aviation instruments, maintaining precision, compliance, and reliable performance under critical operating conditions.



NOZZLE TESTING

Stage II Aviation Nozzle Testing Machine & Aviation component Leak Testing System
A high-precision testing system designed for the inspection and validation of aviation nozzles under controlled conditions. The Stage II testing process ensures critical performance parameters such as leak integrity, flow characteristics, and structural reliability meet stringent aerospace standards.

IMPULSE TESTING

Impulse & Endurance testing for aviation validates system strength under rapid pressure cycles, ensuring safety and reliability of critical components



CALLIBRATION SYSTEM

Our integrated calibration systems provide the ultimate assurance for aviation instrumentation, delivering uncompromising accuracy and full regulatory compliance. Engineered for precision, these systems guarantee reliable performance even under the most grueling critical operating conditions

GAS GENERATION

“In-House Gas Generation for Uninterrupted Operations.”



O₂ GENERATION PLANT

Integrated Oxygen Generation Plant, PSA-based continuous supply system, ensuring stable and consistent oxygen availability for accurate Stage II nozzle testing.

N₂ GENERATION PLANT

Integrated Nitrogen Generation Plant Psa-based high-purity nitrogen generation system, designed for uninterrupted supply, ensuring precision, repeatability and with purity control



N₂ AND CO₂ BOOSTING SYSTEM & LEAK TESTING

Dual-Gas Versatility: Seamlessly handles both Nitrogen (N₂) , Oxygen & Carbon Dioxide (CO₂) for diverse industrial applications



OXYGEN MASK TESTING SYSTEM

The Hawkstein Aero-Respirator platform is a Closed-Loop Respiratory Simulator engineered to manage the high-sensitivity transition between vacuum-leak testing and high-velocity oxygen delivery.

KEY PRODUCT



OXYGEN SERVICE TROLLEY

The Hawkstein Oxygen Service Trolley is engineered for peak reliability in aviation and medical maintenance. Combining safety-first design with high-pressure precision, it ensures your operations never skip a beat.



NITROGEN SERVICE TROLLEY

Engineered for the rigorous demands of aviation and industrial maintenance, the Hawkstein Nitrogen Service Trolley combines high-pressure efficiency with uncompromising safety

KEEP IN
TOUCH

Hawkstein

Design to Dominate

HAWKSTEIN TECHNOLOGY PRIVATE LIMITED

REGD. OFF.-HD-13 2ND FLOOR OFIS SQUARE THE ICONIC CORENTHUM PLOT NO. A-41
SECTOR-62 NOIDA GAUTAM BUDDHA NAGAR UTTAR PRADESH INDIA 201301 ,INDIA

Contact us at sales @hawkstein.com/ +91-9599719389/+91-9873123095

www.hawkstein.com