

Axiometrix Solutions: Mission-Ready Measurement Systems for Defense Solutions



AXIOMETRIX
SOLUTIONS

AP

GRAS

imc



Your One-Stop Partner for Defense Test and Measurement Solutions



Choosing Axiometrix Solutions for your test and measurement needs, you'll gain more than a technology partner; our solutions can help you streamline your development processes, improve product reliability, and reduce costs by offering integrated test systems to address your toughest challenges. With a comprehensive range of hardware, sensors, and software, you'll find all the tools you need to optimize your product design and production at every stage.

Decades of experience delivering solutions to the defense industry across our trusted brands - **Audio Precision, GRAS Sound & Vibration, and imc Test & Measurement** - means you can trust us to deliver. We are ready to help improve your competitiveness and product value towards defense procurement agencies.

Can-do Attitude

Facing tight deadlines or budget constraints? Axiometrix Solutions' product line can help by giving you ease of use, short installation times, and simple configuration. Our systems and sensors integrate seamlessly into your structures, and are configurable to your specific needs. For unique technical or physical requirements, our team of engineers can work with you to best utilize our solutions to meet your difficult challenges.

Support and Service

When you choose an Axiometrix Solutions product, we are in it together - and we are in it for the long haul. Partnering with us gives you access to extensive product support and service offerings. Our product support experts are available to assist your team in matters like product usage and test procedures five days a week. We are also ready to help with maintenance, repair, and calibration solutions.





Drones and UAVs: **Optimize Your UAV Design and Detection Systems**

Unmanned Aerial Vehicles (UAVs) or drones is a rapidly evolving category, both for civilian and defense applications. Developing reliable UAVs is a top priority, and Axiometrix Solutions supports your efforts by providing the end-to-end measurement tools necessary to test drone components. From motors and rotors and beyond, you can ensure that your UAVs meet stringent durability and stealth requirements.

Equally important, we offer the systems and components you need to develop effective fixed, vehicle mounted, or man-carried counter-drone detection solutions. With our integrated approach and tried and tested high-precision measurement and analysis tools, you can confidently develop both UAVs and detection systems for defense and civilian applications.





Aircraft: **Maximizing Mission Readiness of Your Aircraft**

When developing fixed- and rotary-wing aircraft for defense, you need end-to-end solutions that deliver accurate testing for every aspect of performance, from avionics to structural integrity. Choosing our unified testing capabilities allows you to reduce complexity by sourcing all your test and measurement tools from one provider.

We can supply all the tools you need to meet both regulatory and operational demands. Our systems integrate seamlessly into your testing workflows, providing reliable data that accelerates your design and validation phases. Trusted by major aerospace manufacturers, we ensure that your aircraft are mission-ready, reducing the risk of costly delays or performance failures.



Vehicles, Vessels, and Heavy Equipment: **Boosting Durability and Safety in Extreme Conditions**

Your vehicles and equipment must withstand harsh environments while ensuring crew safety. With Axiometrix Solutions on board, you gain access to end-to-end test systems designed to simulate, or measure in, real-world conditions – whether it's rough terrain, extreme weather, or the vibration from engines. Use our solutions to perform accurate measurements and acquire precise and actionable data from R&D to production that allows you to optimize designs and predict potential failures early.

By choosing Axiometrix Solutions you can cut down complexity by sourcing all your test and measurement tools from one provider. This simplifies your R&D and production processes, accelerates time to market, and ensures that your products meet the most stringent defense standards of durability and performance.





Operational Acoustics: **Enhancing Situational Awareness with Precision Acoustics**

In modern defense applications, precise sound detection is critical for situational awareness and quick response. For over 25 years, Axiometrix Solutions has provided MIL-STD-810 compliant condenser microphones that enhance your acoustic systems. By partnering with us, you'll be able to source microphones for current defense applications. You'll also gain access to comprehensive testing systems that support the development of next-generation equipment.

By sourcing your test and measurement tools from one trusted provider, you can reduce complexity and simplify your R&D and production processes. And you can ensure that your acoustic devices deliver the accuracy needed to gain a tactical edge in the field - and a competitive edge on the market.





Critical Communications: Ensuring Clear Communication in Critical Moments

Clear communication is vital to the success of air and ground operations. Whether you're developing headsets for pilots or hearing protection for crews, we have the advanced testing tools you need to ensure your communication systems perform under extreme conditions. Our turnkey solutions reduce the need for multiple vendors and minimize integration issues, saving time and reducing costs throughout the equipment development lifecycle.

With our extensive range of user-friendly audio analyzers, software, and data acquisition systems, coupled with our ANSI/ASA S12.42 compliant acoustic fixtures and ear simulators, you'll be

able to validate sound isolation and clarity to the highest standards. This can help you ensure that your products meet regulations and exceed the expectations of your end users.







Meet the Axiometrix Solutions Brands:



Audio Precision (AP)

AP is the recognized global standard in audio tests. AP provides high-performance audio analyzers, audio measurement software, accessories, and applications to help engineers worldwide design, test, validate, characterize and manufacture consumer, professional and industrial audio products.

www.ap.com



GRAS Sound & Vibration

For over 25 years, GRAS has delivered condenser microphones and advanced audio testing peripherals for defense applications. Our MIL-STD-810 and ANSI/ASA S12.42 compliant solutions provide fast, accurate sound detection for critical situational awareness—whether localizing threats or ensuring clear communication in extreme conditions.

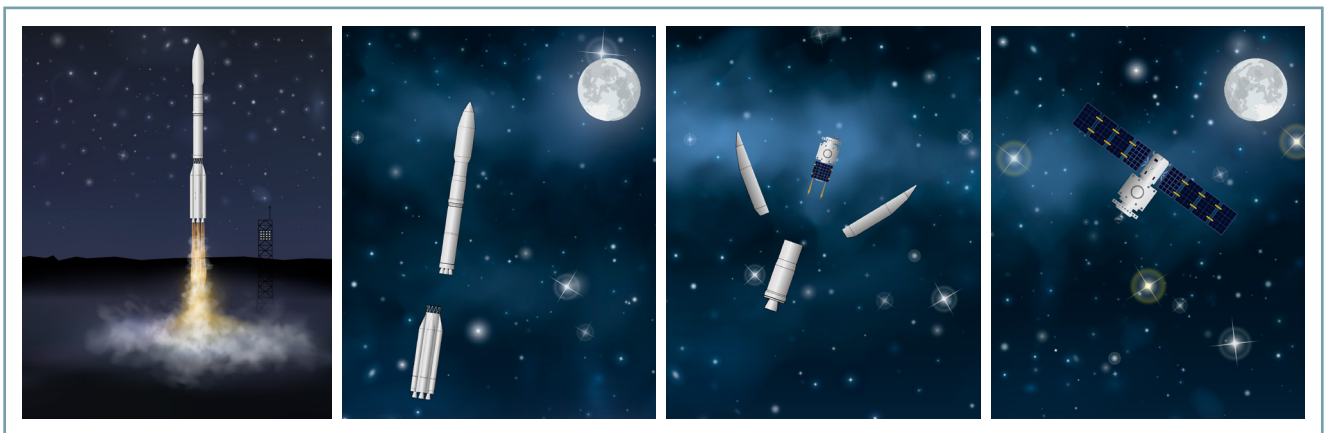
www.GRASacoustics.com



imc Test & Measurement GmbH

For 30 years, imc has created tools that empower engineers to efficiently deploy data acquisition (DAQ) systems and test strategies, meeting the test and measurement challenges of development departments world-wide. imc solutions are well suited for mixed signal testing of complex mechanical and electromechanical systems.

www.imc-tm.com





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