

Improve your mission safety: reliable testing for self-protection systems



RUAG 

**MISSIM MK3:
THE COMPACT ALL-IN-ONE TEST DEVICE**

For sovereign security.

Are you sure that your self-protection system is working?

➤ During military operations or humanitarian deployments in conflict zones, helicopters and air systems and their crews are confronted with complex threats. This requires absolute trust - in all capabilities and in all systems. Mission and flight safety always has priority, and self-protection systems are often essential for survival. Are you really sure that your systems are working?

With our innovative all-in-one test device missim MK3 you can check the functionality of self-protection systems. The compact sensor tester provides a quick and reliable "Go/No-Go" result for the flight and therefore improves mission and flight safety. As a future-oriented technology partner, we know that security matters.



OUR CONTRIBUTION TO SECURITY

Together with our customers and partners, we work for a secure future – day after day. With missim MK3 we have developed a test device for self-protection systems, which contributes to safety. In addition to our future-oriented solutions, we focus on comprehensive life-cycle management. Our experts will advise you individually and personally.

The compact all-in-one test device for self-protection systems

➤ Make sure your self-protection systems are working: With our innovative all-in-one test device missim MK3 you can easily and quickly check the functionality of systems and get a reliable “Go/No-Go” result for the flight. The compact, multifunctional sensor tester is compatible with most of the self-protection systems and requires no modification to the air system.

MISSIM MK3 FEATURES AT A GLANCE

➤ FUNCTIONALITY CHECK

Checks all self-protection sensors easily and quickly, regardless of distance

➤ SIMULATION OF VARIOUS THREAT SCENARIOS

Simulates several threat types including radar, laser, UV and IR.

➤ TEST WITH YOUR OWN SCENARIOS

Individual programming with generic or specific scenarios, which can be securely deleted within seconds if required

➤ VERIFICATION OF OPERATIONAL READINESS

Reliable “Go/No-Go” result for the flight



Handy device with optimal ergonomics and clear display.



Practical transport box can be easily stowed on board.



HIGH COMPATIBILITY

You can use the handy test device missim MK3 independent of self-protection system and platform.



ALL-IN-ONE

With missim MK3 you have an innovative test device for most of the sensors.



EASY TO USE

The mobile missim MK3 is intuitive and easy to use.



RELIABLE TESTING

You will quickly and reliably receive a functional confirmation of the sensors.



LONG TERM UPGRADES

Due to our regular software updates and continuous enhancements of the functions, you benefit from sustainable high-performance of the test device.



COUNTERMEASURE ADVANCED SAFETY TEST EQUIPMENT (CAST)

For testing dropping systems, the CAST electronic chaff and flare simulator can be integrated directly into the self-protection system. You can use the simulator together with the sensor tester missim MK3.



INTEGRATED SELF-PROTECTION SYSTEM

For decades, air forces all over the world have been putting their trust in the reliability and effectiveness of our self-protection solutions. The integral system alerts to any threats and activates effective counter-measures if attacked from the ground or from the air.



Improved mission safety and lower logistics costs

➤ Our all-in-one test device missim MK3 provides you provides you with advanced testing of self-protection sensors before the flight and therefore a fast and reliable “Go/No-Go” result. The multifunctional test device is compatible with most of the self-protection systems and is used by both crews and manufacturers (OEM) of air and self-protection systems.

SIMPLE OPERATION - FLEXIBLE USE

The missim MK3 is easy and flexible to use: The test device simulates various threat scenarios and is compatible with the sensors of most of the self-protection systems.

RELIABLE TESTING - MAXIMUM MISSION AND FLIGHT SAFETY

Time-saving, reliable functional testing of self-protection systems ensures operational readiness and improves safety.

SIMPLE LOGISTICS - REDUCED COSTS

By using a single test device for all sensors, you reduce your costs and logistics effort.

With the test device missim MK3, I can quickly and reliably test the functionality of all self-protection systems before every flight. The device is handy and easy to use.

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➤ missim video



➤ Self-protection
solutions video