

MAINTENANCE INSPECTION OF NAVAL EOD EQUIPMENT COMPONENTS

Magnetic signatures on individual military equipment components can compromise mission safety. MAGNETOSCOP enables reliable verification during maintenance and quality control.



THE CHALLENGE

Naval explosive ordnance disposal (EOD) divers depend on non-magnetic equipment to safely operate near magnetically fused sea mines. During maintenance, repair or procurement, individual equipment components such as tools, knives, fasteners or breathing equipment must be inspected before being returned to service or integrated into operational equipment. Even the smallest magnetic signatures can exceed the limits defined by military standards and compromise operational safety. Reliable verification of individual components is therefore essential throughout the entire equipment lifecycle.

THE SOLUTION

With the MAGNETOSCOP, FOERSTER provides a compact solution for measuring residual magnetic fields on individual military equipment components. Equipped with a highly sensitive differential probe and a non-magnetic probe stand, the system detects even the smallest magnetic signatures quickly and reliably while ensuring defined and reproducible measuring positions. Its compact design allows measurements to be carried out directly in maintenance workshops, inspection laboratories or incoming goods inspection. The non-magnetic probe stand supports consistent positioning during inspection, while acoustic and visual limit value monitoring immediately identifies components that exceed predefined thresholds, enabling fast and objective quality assessment in accordance with military requirements.



THE RESULT

The MAGNETOSCOP enables fast and reliable verification of individual equipment components before they are approved for operational use. Accurate residual magnetic field measurements support compliance with military standards, improve quality assurance during maintenance and procurement, and help ensure that only components meeting the required magnetic limits become part of operational naval EOD equipment.

THE PRODUCTS

MAGNETOSCOPI

Portable Solution For Magnetic Field and Permeability Measurement



PROBES AND SENSORS FOR MAGNETOSCOPI & MAGNETOMAT

Flexible Solutions for Magnetic Field and Permeability Measurements



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