ULTRASONIC DIAGNOSTIC TOOL

MDE-2000 Marksman™ II

Features advanced heterodyne circuitry and “Sound Signature Technology” to covert and amplify inaudible ultrasonic sounds into audible “natural” sounds. Provides quick diagnosis and detection of problems before they become major breakdowns!

- Convenient, easy-to-use, touch-control sensitivity pad and power switch
- 5-LED signal-intensity indicator and audible alarm easily pinpoints the exact problem source
- Internal Noise Control (INC) ensurses tool is unaffected by ambient noise. Ideal for use in extremely noisy environments.
- Self-adjusting Automatic Gain Control (AGC) circuitry enhances sensitivity and simplifies operation
- Precision-engineered hollow air probe helps isolate leak sources in cramped areas
- Solid contact probe quickly finds wear or damage to internal components – without disassembly!
- Unique ultrasonic emitter helps locate faulty seals, gaskets and weatherstripping in doors, windows, ductwork and other non-pressurized enclosures
- Comes complete full size headphones and rugged carrying case

ALSO AVAILABLE:

- MD-600-Same as MDE-2000, but without ultrasonic emitter
- MDE-2000NC-Same as MDE-2000, but with HP-100 noise-canceling headphones
- MD-600NC-Same as MDE-2000NC, but without ultrasonic emitter

To learn more about our wide range of leak detection and diagnostic tools, visit www.spectroline.com

APPLICATIONS

- Aircraft Fuel Systems
- Hydraulic Systems
- Pneumatic Systems
- Vacuum Systems
- Reciprocating Engine Lubrication Systems
- Turbine Engines
- And Much More!

ISO 9001:2008 CERTIFIED COMPANY

The World Leader in Leak Detection Since 1955
LEAK DETECTION DYES

AD-8609
Aero-Brite™ Universal Fluorescent Leak Detection Dye
Locates all leaks in petroleum- and synthetic-based aviation fluid systems!
Checks an entire system in just minutes! Ideal for use as part of a diagnostic/preventive maintenance program for commercial and military aircraft fuel and fluid systems!
Meets Mil Spec MIL-PRF-81298E, Type III, Yellow/Green fluorescent for aircraft fuel systems.

Benefits
• FAST — The quickest way to inspect for leaks in aircraft fuel, lubrication and hydraulic systems.
• SAFE — Specially formulated to accommodate the host fluid. Will not damage the fluid properties or any of the system components.
• VERSATILE — Allows inspection of the entire system under virtually all operating conditions. Ideal for both in-flight and static testing.
• COST EFFECTIVE — Super-concentrated. Use less per dose!
• FLUORESCES BRILLIANTLY — Leaks glow a bright green under UV light.

Available in 8 oz (237 ml), 16 oz (473 ml) and 32 oz (946 ml) bottles, and 1 gallon (3.8 L) containers. (Part Nos. AD-8609-0008, AD-8609-0016, AD-8609-0032 and AD-8609-0100, respectively.)

Also available: SP-8609-0100 fluorescent leak detection dye for aircraft fuel systems (NSN: 6820-01-386-8609). Can also be used to locate hydraulic and engine oil leaks. Supplied in 1 gallon (3.8 L) container.

LEAK DETECTION LAMP KITS

OLX-365
OPTI-LUX™ 365 UV LED Flashlight!
Super-compact and rugged!!
Works with all fluorescent dyes! Leaks glow brilliantly!!
• More than twice as powerful as most corded, high-intensity UV lamps
• Inspection range of up to 25 feet (7.6 m)
• Works with all fluorescent dyes.
• Convenient on/off switch for easy, one-handed operation
• 100,000-hour LED service life
• Instant-on operation; lamp reaches full power immediately
• Anodized aluminum lamp body minimizes corrosion and stands up to years of heavy use
• Powered by one rechargeable lithium-ion battery. Comes with a spare battery. Each provides 4 hours of continuous inspection time between charges.
• Comes complete with lanyard, belt holster, smart charging cradle with AC and DC cord sets. UV-absorbing spectacles and a padded carrying case. AC charger available in 110V, 230V, 240V and 100V versions.

OPX-365
OPTIMAX™ 365 UV LED Flashlight (Patent Pending)
Features state-of-the-art, ultra-high-flux LED technology!
Makes even dirty oil leaks glow brightly!
• Four times brighter than other high-intensity UV lamps
• Inspection range of up to 25 feet (7.6 m)
• Instant-on operation allows lamp to reach full intensity immediately
• Electronic Intensity Stabilizer assures consistent performance. Maintains super-high UV intensity between charges.
• Powered by a rechargeable NiMH battery (included). Provides 90 minutes of continuous inspection between charges.
• 100,000-hour LED life
• Includes smart AC and DC chargers, UV-absorbing glasses, belt holster and padded carrying case. AC charger available in 110V, 230V, 240V or 100V versions.

COMPLETE LEAK DETECTION KIT

ALK-365
Aviation Leak Detection Kit
The most complete kit for finding leaks in aircraft fluid systems. Works with all petroleum- and synthetic-based lubricants and fluids!
Prevents expensive equipment breakdown and potential safety hazards, ideal for pinpointing leaks in fuel, lubrication and hydraulic systems.

Includes:
• OPTIMAX™ 365 super high intensity, cordless, rechargeable UV LED leak detection flashlight
• 8 oz (237 ml) bottle of Aero-Brite™ universal fluorescent dye for aircraft fluid systems
• 8 oz (237 ml) spray bottle of GLO-AWAY™ dye cleaner
• Smart AC and DC chargers. AC charger available in 120V, 230V, 240V or 100V versions.
• UV-absorbing glasses, holster and soft carrying case

WE DETECT MORE THAN JUST AIRCRAFT LEAKS!

As the world leader in fluorescent leak detection, Spectronics Corporation also offers super-bright, super-concentrated dyes for finding leaks in:
• Ground support vehicles (engine oil, coolant, automatic transmission fluid, power steering fluid, gasoline/diesel fuels and hydraulics)
• Air conditioning and refrigeration systems
• Fluid systems in buildings and facilities
• Industrial and hydraulic systems