MAGNAFLUX NDT
(NON-DESTRUCTIVE TESTING) KIT

1. Precision inspection area. Spray on Cleaner, wipe off with cloth.
2. Apply penetrant. Allow short penetrant contact period.
3. Wipe to remove penetrant from surface. Use Cleaner, moistened towel if surface is rough.
4. Shake can and spray on a thin film of Developer.
5. Inspect. Defects will show as bright red lines in white Developer background.

A quick, easy way to make shop and in-field inspections of landing gear, airframe and components. Highly sensitive Spotcheck penetrant which gives bright red indications. Locates very fine cracks on the surface of ferrous and non-ferrous components, equipment and structures. Reveals cracks on materials with surface temperatures as high as 350°F. Perfect for testing welds before thorough cooling. Convenient spray cans make application easy and contain no fluorocarbon propellants. Non-flammable. Materials meet applicable specifications for dye penetrant inspections (ASME, ASTM and MIL specs). Considered flammable and hazardous by UPS.

4-CAN SPOT CHECK® TEST KIT - The lowest priced way to check for cracks, leaks and other defects on any metal parts. Kit includes: 1 spray can of developer, 2 cans of cleaner & 1 can of dye penetrant in cardboard case.

SK-416 KIT - Includes: • SKC-S, 2 aerosol cans • SKL-SP2, 1 aerosol can • SKD-S2, 1 aerosol can • SCRUBS® hand cleaner towels, 3 towels • DYKEM® Brite-Mark yellow paint marker, 1 pen • Shop Cloth, 1 towel

SK-816 KIT - 8-CAN SPOTCHECK® TEST KIT - SK-816 - Includes: • SKC-S, 4 aerosol cans • SKL-SP2, 2 aerosol cans • SKD-S2, 2 aerosol cans • SCRUBS® hand cleaner towels, 3 towels • DYKEM® Brite-Mark yellow paint marker, 1 pen • Shop Cloth, 1 towel

SKD-S CLEANER - This clear, fast-drying solvent can be used for pre-cleaning, post-cleaning and penetrant removal.

SKL-SP2 - Because of its vivid red color, this solvent removable dye penetrant provides excellent color contrast performance to locate surface cracks in virtually any metal or non-porous ceramic material.

MAXIMA™ UV LAMP LEAK DETECTION KIT

MAXIMA™ Aviation Leak Detection Kit Feature state-of-the-art Micro Discharge Light (MDL) technology! Ultra-high UV intensity delivers unprecedented power—up to 10 times the UV-A output of conventional High Intensity Discharge (HID) lamps! Instant-on operation allows lamp to reach full intensity immediately. Eliminates warm-up time. Works even in direct sunlight. Inspection range of up to 30 feet (9.1 m) or more. MLK-35A lamp kit includes ML-3500S UV lamp, 8 oz (237 ml) bottle of AeroBrite™ dye (AD-8609-0008), UV-absorbing glasses (UVS-30), fluorescence-enhancing glasses (UVS-40), extra large carrying case (CC-350) and 8 oz (237 ml) spray bottle of GLO-AWAY™ dye cleaner (CR-800). Aircraft Fuel Systems, Hydraulic Systems, Pneumatic Systems, Vacuum Systems, Reciprocating Engine, Lubrication Systems, Turbine Engines, And Much More! P/N 13-18748...$1,695.00

AERO-BRITE UNIVERSAL FLUORESCENT LEAK DETECTION

Locate all leaks in petroleum- and synthethic-base 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. Features: FAST — The quickest way to inspect for leaks in aviation fuel, lubrication and hydraulic systems. SAFE — Speciality formulated to accommodate the host fluid. Will not damage the fluid’s properties or any of the system’s components. VERSATILE — Allows inspection of the entire system under virtually all operating conditions. Ideal for both in-flight and static testing. COST EFFECTIVE — Use less per dose! Glows a bright green under UV light. See our website for suggested dilution ratios.

MET-L-CHEK PENETRANT INSPECTION KITS

Met-L-Chek kits provide a completely portable, job-proven method used throughout the industry to locate cracks, flaws and other defects. These economical & effective kits provide everything needed to make inspections in the shop or field. The penetrant materials are packaged in easy-to-use aerosol spray cans and a can of cleaner included for cleaning parts before inspection. The inspection procedure is easy to learn, accurate and inexpensive. Met-L-Chek can be used on ferrous and non-ferrous materials to find surface defects and ‘true leaks’. Supplied in a rugged metal case. The 4-Can Kit has one aerosol spray of cleaner, penetrant, developer and remover. The 8-Can Kit has 2 cans of each material. Individual replacement cans available.

MET-L-CHEK PENETRANT VP-30

VP-30 is a visible (Type 2), water washable (Method A) and solvent removable (Method C) inspection penetrant. It is designed for use in general metalworking, welding, nuclear and automotive applications for surface flaw and through leak detection. VP-30 has found wide use in the inspection of aircraft, aircraft engines, electronics and daisy processing equipment such as heat exchangers. Visible penetrants are not rated by sensitivity levels per AMS-2644 but are considered approximate to level 1 fluorescent penetrants. 30μ size defects may be highlighted by visible penetrants. ISO-3452-2005 does rate visible penetrants by sensitivity level with #2 being the most sensitive. VP-30 is a level 2 per this specifications requirement.

MET-L-CHEK CLEANER/REMOVER E-59A

E-59A is a class 2 (non-halogenated), Method C inspection penetrant remover. It is designed for use in the solvent wipe technique for penetrant inspection in general metalworking, welding, nuclear and automotive applications. It is a moderate dry rate material and is ideal for penetrant wipe removal and pre-inspection surface cleaning. As a pre-cleaner it is sprayed directly on the test surface. As a penetrant remover it is sprayed onto wiping media and then the penetrant wiped from the surface. The remover should not be sprayed directly on to the test surface to remove the excess penetrant as the sensitivity will be impaired.

MET-L-CHEK DEVELOPER D-70

D-70 has been used by automotive manufacturers to assist in locating oil and gas leaks in engine components and hydraulic lines. The area of interest is cleaned and the developer applied. The engine is run and the oil leak will appear as a dark spot on the white coating. Reminiscent of the old oil and wicking inspection used by railroads before the advent of modern penetrant inspection materials.

PLEASE VISIT OUR WEBSITE FOR ALL KIT DETAIL LISTED ABOVE.

WWW.AIRCRAFTSPRUCE.COM

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Prices Subject to Change Without Notice