

86500-2 SSAFAK AVIATION FUEL CONDITION TEST KIT

- Rapid go/no-go testing
- Self contained and fully portable
- Ready to use
- Six simple to use tests
- Laboratory quality flash point tester
- Rugged fitted case

A self contained kit of test equipment for rapid detection of contamination in jet aviation fuel. Designed for use on the apron and at fuel storage facilities, SSAFAK allows the user to carry out six tests that can quickly provide a go/no-go decision on aviation fuel quality.

Flash Point (ASTM D3828) A Setaflash Series 3 Closed Cup Flash Point Tester provides either go/no-go test, or can determine the actual flash point of the sample. The Setaflash is a laboratory standard instrument featuring an automatic flash detection system that provides a result in two minutes. A power inverter is included to allow operation from a 12V dc supply.

Contamination A Seta Detector Module, designed to fit into the cup of the Setaflash Series 3 Closed Cup Flash Point Tester, provides an indication of contamination of gasoline by kerosine or kerosine by diesel fuel by comparing residues after evaporation.

Density A digital meter is provided to measure the density of the sample.

Conductivity (ASTM D2624) A digital meter measures the conductivity of the sample, verifying that it remains within specification after the addition of static dissipators.

Water Content Shell Water Detection Capsules indicate the presence of finely dispersed undissolved water in aviation fuel by a simple colour change, providing a rapid go/no-go result. A 5ml sample is drawn through the capsule, and the intensity of the colour change gives an indication of the level of contamination, with 30ppm water easily detectable.

Microbial Activity Simple to use test paddles provide a go/no-go test for Hormoconis resiniae (HR) in the sample. Each paddle has two test pads, low test has a cut-off at 150µg/l and high test has a cut-off >750µg/l HR in fuel.

SUPPLIED WITH: beakers, wipes, safety glasses, gloves, instruction manuals and carry-case.



86500-2

SPECIFICATIONS

Size (HxWxD):	35 x 90 x 80cm
Weight:	12kg

86400-2 PORTABLE FUEL INTEGRITY TEST KIT

- Suitable for Jet fuel and other light distillate fuels
- Rapid check for presence of contamination
- Multiple tests in single kit
- Compact, easy to carry rucksack
- Ideal for shipboard use

A self contained kit of test equipment for rapid detection of contamination in fuels. The kit has been designed to fit into a small purpose made rucksack enabling it to be easily transported to test sites which have only limited or difficult access. It is ideally suited to shipboard use providing both rapid and easy verification of product integrity prior to off-loading.

The kit comprises of 5 key tests that allow go/no go testing of fuels:-

Flashpoint (ASTM D3828) – using the Series 3 Closed cup tester, complete with syringes and portable gas supply. (Note - An external mains power supply is required for this instrument).

Density – An ATEX approved digital density meter.

Conductivity (ASTM D2624) – Using a digital conductivity meter.

Water Content - Shell Water Capsules offer detection to 30ppm (80 tests & syringes).

Digicell – Digital readout of Water content, 100-3000ppm, 200-10000ppm and 0-10% (50 tests).

SUPPLIED WITH: syringes, portable gas supply, Shell water capsules, instruction manuals and carry case.



86400-2

SPECIFICATIONS

Size (HxWxD):	30 x 30 x 30cm
Weight:	6.5kg

ACCESSORIES – Fuel Integrity Test Kit

OPTIONAL

13770-311 SYRINGE, 4ml.

CALIBRATION, VERIFICATION & TRAINING

86000-301 WATER IN OIL REAGENT, (50 tests).

86500-001 SHELL WATER CAPSULES, pack of 160.

CONSUMABLES – Fuel Integrity Test Kit

86000-301 WATER IN OIL REAGENT, pack A & B, (50 tests).

86500-001 SHELL WATER CAPSULES, pack of 160.