

Cutting Fluid Test Kit



Monitor Bacteria Build Up & Assess Health Risks
Fluid Testing Made Easy.



Kittiwake Cutting Fluids Test Kits

Cutting fluids are required in metal machining to improve tool life, reduce work piece thermal deformation, enhance surface finish and to flush chips from the cutting zone. These fluids degrade with time due to bacterial growth and contamination with tramp oil. Testing is not just essential, its required!

Health risks exist for lathe operators by both fluid contact (dermatitis) and breathing of the mist/vapour (asthma, extrinsic allergic alveolitis and other breathing problems). Biocidal additives improve the life of the fluid and reduce the hazard to health.

Ongoing monitoring, inspection and maintenance is required in UK as part of an employers obligation under Section 2 of the Health and Safety at Work Act 1974. Similar work related mandates are in force across Europe.

Kittiwake test kits measure the key parameters necessary to optimise cutting fluid performance and enable enumeration and safe control of microbiological contamination. The basic kit is supplied with tests for cutting fluid concentration, pH, water hardness, Nitrite/Nitrate and dip-slides for monitoring microbiological activity. A deluxe version, incorporating a dip slide incubator is also available for accurate trend analysis over a number of months.



Consumables

FG-K27970-KW: Basic Kit Spares Pack

Containing:

RBS Dip Slides, PH 7.0 Buffer Solution 65ml, Nitrite/Nitrate Test Strips (100), Hardness Test Strips (50), 1ml Pipettes

FG-K27969-KW: Deluxe Kit Spares Pack

Containing:

RBS Dip Slides, PH 7.0 Buffer Solution 65ml, Nitrite/Nitrate Test Strips (100), Hardness Test Strips (50), 1ml Pipettes

FG-K21634-KW: Field Incubator

Range: 10-45°C

Power: 220/240 VAC

Ordering Information

FG-K27806-KW: Basic Cutting Fluid Test Kit

Black Plastic Case containing:

10 x RBS Dual Media (TVC & Yeasts/Moulds) Dip Slides
1 x Portable PH Meter (Splash proof)
1 x PH 7.0 Buffer Solution 65ml
1 x Nitrite/Nitrate Test Strips (100)
1 x Hardness Test Strips (50)
1 x 0-18% Brix Refractometer
2 x 1ml Pipettes
1 x Instruction Manual

FG-K27968-KW: Deluxe Cutting Fluid Test Kit

Black Engineers Case containing:

10 x RBS Dual Media (TVC & Yeasts/Moulds) Dip Slides
1 x Portable PH Meter (Splash proof)
1 x PH 7.0 Buffer Solution 65ml
1 x Nitrite/Nitrate Test Strips (100)
1 x Hardness Test Strips (50)
2 x Sterilising Solution 125ml
2 x 1ml Pipettes
2 x 30ml Universal Containers
100 x Disposable Gloves
1 x 0-18% Brix Refractometer
1 x Dip Slide Incubator
1 x Instruction Manual

- Compact and portable
- Designed for compliance with Health and Safety legislation
- Simple step-by-step instructions
- Rapid results



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