



LakesideWater
WATER TREATMENT & HYGIENE SPECIALISTS



TEST KIT Catalogue



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Section 1.0

Cooling (Open & Closed) Water Test Kit - CWTK002



Cooling water systems require careful test monitoring to ensure the correct water conditions are maintained at all times. Failure to maintain correct treatment programs can lead to serious problems including reduced efficiency, the build-up of scale, potentially damaging corrosive water conditions and increased microbiological activity, which may include the growth of Legionella bacteria.

Our comprehensive cooling water test kit has been developed specifically for engineers and water treatment professionals involved with the maintenance and management of both open and closed cooling systems. to ensure optimum operating conditions.

Replacements and components are available, please refer to replacement reagent section.

The cooling water test kit is presented in its own robust carry-case and includes all the equipment and reagents necessary to perform between 100 and 200 tests required to effectively test and monitor system waters. Replacement reagents and other components are available, please refer to the section detailed Replacement Reagents & Equipment.

This test kit includes the following:

Contents	Range	Code
Plastic Robust Case with Foam		EDT027
Waterproof Instructions		EDT084
1 x 20ml Standard Syringe		EDT168
1 x 10ml Standard Syringe		EDT177
1 x Filter Holder 25mm		EDT044
1 x Filter Papers GF/C (50)		EDT048
2 x 65ml Test Bottles		2 x EDT018
1 x Comparator (Checkit)		EDT085
2 x 10ml Comparator Cells		2 x EDT006
1 x Tablet crusher		EDT079
1 x 10ml Testing Tube		EDT015
Pocket pH1 Meter	0 - 14	pH1
Pocket Conductivity/TDS/Temp/Salinity Meter	0 - 9,990	EC1
Alkalinity M (Drop Test)	0 - 2400	
TA4 (65ml)		SDT004
PA2/TA2 (65ml)		SDT005
TA3 (65ml)		SDT006
Hardness Total (Drop Test)	0 - 1200	
TH2 (65ml)		SDT046
H/TH4/CH3 (65ml)		SDT049
TH3 (65ml)		SDT044
TH5 (65ml)		SDT047

Section 1.0

Cooling (Open & Closed) Test Kit - CWTK002 continued ...

Contents	Range	Code
Hardness Calcium (Drop Test)	0 - 1200	
CH2 (65ml)		SDT043
H/TH4/CH3 (65ml) (Already in other test)		SDT049
TH3 (65ml) (Already in other test)		SDT044
CH1P (20g)		SDT050
Hardness Stop/Go (Drop Test)	0 - 4	
Stop/Go Reagent (65ml)		SDT129
Chloride (Drop Test)	0 - 3000	
BC1/CC1 (65ml)		SDT023
BC2 (65ml)		SDT026
CC2 (65ml)		SDT024
Iron LR (Comparator)	0 - 1	
Fe5 (65ml)		SDT563
Iron HR (Comparator)	0 - 10	
Fe6 (65ml)		SDT113
Fe8 (65ml)		SDT128
Bromine (Comparator)	0 - 5	
DPD No1 Tablets (50)		SDT106/50
DPD Nitrite Powder (20g)		SDT295
Molybdate HR+ (Comparator)	50 - 500	
Molybdate HR (65ml)		SDT127
Nitrite HR (Drop Test)	0 - 3000	
N1 HR (65ml)		SDT177
N2 HR (65ml)		SDT178
Phosphonate (Drop Test)	0 - 20	
P1/4 Tablets (50)		SDT074
P5 (65ml)		SDT075
Calibration Solutions for Pocket Meters		
Standard Conductivity 1413mS (65ml)		SDT109/65
pH 4 (65ml)		SDT119/65
pH 7 (65ml)		SDT118/65
pH 10 (65ml)		SDT161/65

Section 2.0

Closed Water Systems Test Kit - CLK003



Closed water systems require careful test monitoring to ensure the correct water conditions are achieved during the course of a treatment programme.

Failure to maintain the correct dosage levels can lead to scaling, corrosion and increased biological activity which can lead to potentially unstable water conditions.

Our comprehensive closed water test kit has been developed specifically for engineers and water treatment professionals involved with the maintenance and management of closed systems to ensure optimum operating conditions.

Replacements and components are available, please refer to replacement reagent section.

Our closed water test kit has been developed specifically for engineers and water treatment professionals involved with the monitoring of water systems. This kit is presented in its own robust carry-case and includes all the equipment and reagents necessary to perform between 100 & 200 tests.

Replacement reagents and other components are available, please refer to the relevant section.

This test kit includes the following:

Contents	Range	Code
Plastic Robust Case with Foams		EDT028/2
Waterproof Instructions		EDT084
1 x Comparator (Checkit)		EDT085
2 x 10ml Comparator Cells		2 x EDT006
Pocket pH1 Meter	0 - 14	pH1
Pocket Conductivity/TDS/Temp/Salinity Meter	0 - 9,990	EC1
Iron HR (Comparator)	0 - 10	
Fe6 (65ml)		SDT113
Fe8 (65ml)		SDT128
Molybdate HR+ (Comparator)	50 - 500	
Molybdate HR (65ml)		SDT127
Nitrite HR (Drop Test)	0 - 3000	
N1 HR (65ml)		SDT177
N2 HR (65ml)		SDT178
Calibration Solutions for Pocket Meters		
Standard Conductivity 1413µs (65ml)		SDT109/65
pH 7 (65ml)		SDT118/65
pH 10 (65ml)		SDT161/65

Section 3.0

Chlorination Test Kit - CRK004



Water system chlorination's require careful test monitoring to ensure the correct water conditions are achieved during the course of the disinfection procedure.

Failure to achieve the correct dosage levels can lead to unsuccessful disinfections, whilst elevated levels can lead to potentially corrosive water conditions.

Our chlorination test kit has been developed specifically for engineers and water treatment professionals involved with the chlorination and disinfection of water systems. This kit is presented in its own robust carry-case and includes all the equipment and reagents necessary to perform between 50 and 100 samples to effectively test and monitor the chlorination procedure.

This kit includes all the reagents and equipment required to allow the monitoring of low range chlorine (0 to 4ppm) and high range chlorine (0 to 300ppm). These are required to ensure the correct system conditions are achieved.

This test kit includes the following:

Contents	Range	Code
Plastic Robust Case with Foams		EDT030/2
Waterproof Instructions		EDT084
1 x Comparator (Checkit)		EDT085
2 x 10ml Comparator Cells		2 x EDT006
1 x Tablet Crusher		EDT079
Pocket pH1 Meter	0 - 14	pH1
Chlorine LR (Comparator)	0 - 4	
DPD No1 Tablets (50)		SDT106/50
DPD No3 Tablets (50)		SDT107/50
Chlorine HR (Comparator)	10 - 300	
Chlorine HR Reagent (65ml)		SDT179
Acidifying Solution (65ml)		SDT180
Calibration Solutions for Pocket Meter		
pH 7 (65ml)		SDT118/65
pH 10 (65ml)		SDT161/65

Section 4.0

Boiler Water Test Kit - BTK001



Boiler water and boiler feedwater systems require careful test monitoring to ensure the correct water conditions are maintained at all times. Failure to maintain the correct water treatment programs can lead to serious problems including reduced boiler efficiency, scale, corrosive water conditions and reduced steam purity.

This comprehensive boiler water test kit has been developed specifically for engineers and water treatment professionals involved with the maintenance and management of boilers and boiler systems. This self contained professional test kit will allow you to perform a range of tests essential to maintain boilers at optimum performance.

This professional boiler water test kit is presented in its own robust carry-case and includes all the equipment and reagents necessary to perform between 100 and 200 tests required to effectively test and monitor system waters to ensure optimum operating conditions are achieved and maintained. Replacement reagents and other components are available, please refer to the relevant section.

This test kit includes the following:

Contents	Range	Code
Plastic Robust Case with Foam		EDT027
Waterproof Instructions		EDT084
1 x 20ml Luer Lock Syringe		EDT075
1 x 10ml Luer Lock Syringe		EDT073
1 x Filter Holder 25mm		EDT044
1 x Filter Paper GF/C (50)		EDT048
2 x 65ml Test Bottles		2 x EDT018
1 x Comparator (Checkit)		EDT085
2 x 10ml Comparator Cells		2 x EDT006
1 x 10ml Testing Tube		EDT015
Pocket pH1 Meter	0 - 14	pH1
Pocket Conductivity/TDS/Temp/Salinity Meter	0 - 9,990	EC1
Alkalinity p (Drop Test)	0 - 2400	
PA1 (65ml)		SDT001
PA2/TA2 (65ml)		SDT005
TA3 (65ml)		SDT006
Alkalinity M (Drop Test)	0 - 2400	
TA4 (65ml)		SDT004
PA2/TA2 (65ml) (Already in other test)		SDT005
TA3 (65ml) (Already in other test)		SDT006

Section 4.0

Boiler Water Test Kit - BTK001 continued ...

Contents	Range	Code
Alkalinity OH (Drop Test)	0 - 2400	
PA3 (65ml)		SDT007
PA2/TA2 (65ml) (Already in other test)		SDT005
TA3 (65ml) (Already in other test)		SDT006
Hardness Total LR (Drop Test)	0 - 50	
TH2 (65ml)		SDT046
TH5 (65ml)		SDT047
TH3 (65ml)		SDT043
Hardness Stop/Go (Drop Test)	0 - 4	
Stop/Go Reagent (65ml)		SDT129
Chloride (Drop Test)	0 - 3000	
BC1/CC1 (65ml)		SDT023
BC2 (65ml)		SDT026
CC2 (65ml)		SDT024
Sulphite (Drop Test)	0 - 150	
SO1 (65ml)		SDT540
SO2 (65ml)		SDT541
Phosphate (Comparator)	0 - 80	
PB1 (65ml)		SDT111
PB2 (65ml)		SDT112
Calibration Solutions for Pocket Meters		
Standard Conductivity 1413mS (65ml)		SDT109/65
pH 4 (65ml)		SDT119/65
pH 7 (65ml)		SDT118/65
pH 10 (65ml)		SDT161/65
20% Acetic Acid (65ml)		SDT103

Section 5.0 Legionella Compliance Test Kit - LCTK006



Cooling Water systems require careful test monitoring to ensure the correct water conditions are achieved to reduce the risk of Legionella. Failure to keep the system under control can lead to scale, corrosion and the growth of the potentially fatal Legionella bacteria.

Our Legionella compliance kit has been developed specifically for engineers and water treatment professionals involved in the weekly and monthly analysis of water systems. This kit is presented in its own robust carry-case and includes all the equipment and reagents necessary to test between 50 - 100 samples so that you can effectively monitor the water conditions.

Replacement reagents and other components are available, please refer to the relevant section.

This test kit includes the following:

Contents	Range	Code
Plastic Robust Case with Foam		EDT027
Waterproof Instructions		EDT084
1 x 20ml Standard Syringe		EDT
1 x 10ml Standard Syringe		EDT
2 x 65ml Test Bottles		2 x EDT018
1 x Comparator (Checkit)		EDT085
2 x 10ml Comparator Cells		2 x EDT006
1 x 10ml Testing Tube		EDT015
Pocket pH1 Meter	0 - 14	pH1
Pocket Conductivity/TDS/Temp/Salinity Meter	0 - 9,990	EC1
Alkalinity M (Drop Test)	0 - 2400	
TA4 (65ml)		SDT004
PA2/TA2 (65ml)		SDT005
TA3 (65ml)		SDT006
Bromine (Comparator)	0 - 5	
DPD No1 Tablets (50)		SDT106/50
DPD Nitrite Powder (20g)		SDT295
Iron LR (Comparator)	0 - 1	
Fe5 (65ml)		SDT563
Hardness Total (Drop Test)	0 - 1200	
TH2 (65ml)		SDT046
TH5 (65ml)		SDT047
TH3 (65ml)		SDT044

Section 5.0

Legionella Compliance Test Kit - LCTK006 continued ...

Contents	Range	Code
H/TH4/CH3 (65ml)		SDT049
Hardness Calcium (Drop Test)	0 - 1200	
CH2 (65ml)		SDT043
H/TH4/CH3 (65ml) (Already in other test)		SDT049
TH3 (65ml) (Already in other test)		SDT044
CH1P (20g)		SDT050
Hardness Stop/Go (Drop Test)	0 - 4	
Stop/Go Reagent (65ml)		SDT129
Chloride (Drop Test)	0 - 3000	
BC1/CC1 (65ml)		SDT023
BC2 (65ml)		SDT026
CC2 (65ml)		SDT024
Calibration Solutions for Pocket Meters		
Standard Conductivity 1413mS (65ml)		SDT109/65
pH 4 (65ml)		SDT119/65
pH 7 (65ml)		SDT118/65
pH 10 (65ml)		SDT161/65

Section 6.0

Resin Test Kit - RAK008



Ion exchange resins should be checked when the plant is serviced to determine if the ion exchange resin is suffering from fouling or damage which will reduce the plant efficiency.

Our highly portable and easy to use kit allows the qualitative analysis of ion exchange resins for the three main problems encountered when water softeners or ion exchange plant efficiency is reduced.

The ion exchange resin can be checked for Iron fouling, organic fouling and resin bead optical assessment. Failure to maintain good quality resins will lead to serious problems including reduced efficiency and the build-up of scale and increased microbiological activity, which may include the growth of Legionella bacteria.

The resin test kit is presented in its own robust carry-case and includes all the equipment and reagents necessary to perform between 100 and 200 tests required to effectively test and monitor the qualitative condition of ion exchange resins.

Replacement reagents and other components are available, please refer to the relevant section.

This test kit includes the following:

Contents	Range	Code
Complete Kit		RAK008
Instruction sheets		
1 x Optic Magnifier		EDT034
1 x 65ml Test Bottle		EDT018
1 x Spatula		EDT062
1 x Washer bottle (or DI water container)		EDT082
1 x RA1 (65ml) Iron test reagent		SDT338
1 x RA2 (65ml) Iron test reagent		SDT336
1 x RA3 (65ml) Organic test reagent		SDT339