



WATER TESTING SOLUTIONS

Resin Test Kits

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Resin Test Kits

Resin Test Kits monitor the condition of ion exchange resins in key areas such as industrial demineralisation, domestic and industrial water softening.

Resin Fouling Test Kit

Oxidised iron (ferric) and colloidal organic matter are both damaging foulants towards ion exchange resins when treating natural water supplies. Unchecked levels of fouling can soon impact upon treated water, unit capacity and ultimately operating costs.

Resin Capacity Test Kit

The resin capacity test kit measures the total ion exchange capacity of new resins (supplied H, OH, Cl forms) and the operational regeneration capacity of in service resins (H, OH, forms).

Resin Conversion Test Kit

This test kit employs a custom designed elution cartridge stand and all necessary reagents and ancillaries to convert 5ml quantities of resin to either hydrogen or chloride form as is appropriate and/or to neutralise weak base groups prior to determining strong base capacity only. Once converted, the resin capacity is measured using the WTS-K100393.

Resin Optical Test Kit

This test is not ment to give a statistical microscopic particle size distribution but rather is a rapid assessment of bead quality and particle size range of resins in the field. By taking a bead count over different fields of view per sample and several samples, a percentage composition of damaged beads can be obtained.

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Test Kit and Contents

Contents	Code
Resin Fouling Test Kit	WTS-B100392
Hydrochloric Acid	WTS-B100388
Alkaline Brine Reagent	WTS-B100389
Ammonium Thiocyanate Reagent	WTS-B100390
Ferric Iron Reagent 1	WTS-B100391
Ferric Iron Reagent 2	WTS-B100392
Resin Capacity Test Kit	WTS-K100393
TA4	WTS-B100010
PA1	WTS-B100004
BC1 / CC1	WTS-B100069
KN	WTS-B100394
VHR Acidity Titrant Cartridge	WTS-B100277
Chlorine Titrant Cartridge	WTS-B100395
BC2	WTS-B100070
Sodium Bicarbonate	WTS-B100396
Resin Conversion Test Kit	WTS-K100397
Conversion Acid	WTS-B100398
Dilute Hydrochloric Acid Dropper	WTS-B100399
Ammonia Reagent	WTS-B100400
Sodium Chloride	WTS-B100401
Resin Optical Test Kit	WTS-K101475