



# WATER TESTING SOLUTIONS

## ECON Drop Test Kits



**Water Testing Solutions Ltd**

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Dropper titration provides a cost effective and accurate means of determining water quality in the field, for a wide range of applications. WTS provide an extensive range of tests based on this technology. Carefully chosen chemistries and easy to follow, pictorial instructions make drop tests simple to perform with accurate results.

All dropper titration tests are performed in a similar way. An indicator and sometimes a pH adjuster are added to the sample to generate a colour. A final reagent (titrant) is added one drop at a time until a colour change is observed. The number of drops added is multiplied by a factor on the instruction sheet to give the result of the test, usually as ppm (mg/l).

Description	Range	ECON Kit	Reagent Pack
Acidity (P)	0-7.5 % H <sub>2</sub> SO <sub>4</sub>	WTS-K101508	WTS-P101565
Alkalinity (M) HR	200-2400 ppm CaCO <sub>3</sub>	WTS-K101509	WTS-P101566
Alkalinity (M) LR	50-600 ppm CaCO <sub>3</sub>	WTS-K101510	WTS-P101567
Alkalinity (P + M) LR	50-600 ppm CaCO <sub>3</sub>	WTS-K101511	WTS-P101568
Alkalinity (P + OH) HR	200-2400 ppm CaCO <sub>3</sub>	WTS-K101512	WTS-P101569
Alkalinity (P) HR	200-2400 ppm CaCO <sub>3</sub>	WTS-K101513	WTS-P101570
Alkalinity (P) HR	0.25-6.0 % NaOH	WTS-K101514	WTS-P101571
Alkalinity (P) LR	50-600 ppm CaCO <sub>3</sub>	WTS-K101515	WTS-P101572
Alkalinity (P) LR	250-6000 ppm NaOH	WTS-K101516	WTS-P101573
Alkalinity (P,M + OH) HR	200-2400 ppm CaCO <sub>3</sub>	WTS-K101517	WTS-P101574
Alkalinity (P,M + OH) LR + HR Pack	50-2400 ppm CaCO <sub>3</sub>	WTS-K101518	WTS-P101575
Alkalinity (P,M + OH) LR	50-600 ppm CaCO <sub>3</sub>	WTS-K101519	WTS-P101576
Alkalinity Total (Indicator)	9-540 ppm Cl <sup>-</sup>	WTS-K101520	WTS-P101577
Chloride HR	200-12000 ppm Cl <sup>-</sup>	WTS-K101521	WTS-P101578
Chloride LR + HR	20-12000 ppm Cl <sup>-</sup>	WTS-K101522	WTS-P101579
Chloride LR	20-400 ppm Cl <sup>-</sup>	WTS-K101523	WTS-P101580
Chlorine (Free) HR	15-300 ppm Cl <sub>2</sub>	WTS-K101524	WTS-P101581
Chlorine (Free) LR	1-30 ppm Cl <sub>2</sub>	WTS-K101525	WTS-P101582
Chlorine Spot Tester	Trace Cl <sub>2</sub>	WTS-K101526	WTS-P101583
Chlorine (Semiquantitative)	0.1-50 ppm Cl <sub>2</sub>	WTS-K101527	WTS-P101584
Chlorine (Total Available) HR	0.2-15 % Cl <sub>2</sub>	WTS-K101528	WTS-P101585
Chlorine (Total Available) LR + HR	0.01-15 % Cl <sub>2</sub>	WTS-K101529	WTS-P101586
Chlorine (Total Available) LR	100-2400 ppm Cl <sub>2</sub>	WTS-K101530	WTS-P101587
Chlorine Dioxide	25-200 ppm ClO <sub>2</sub>	WTS-K101531	WTS-P101588
Chlorine Dioxide LR	0.08-30 ppm ClO <sub>2</sub>	WTS-K101532	WTS-P101589
EDTA (Free)	0-2000 ppm EDTA	WTS-K101533	WTS-P101590

Hardness (Calcium) HR	50-600 ppm CaCO <sub>3</sub>	WTS-K101534	WTS-P101591
Hardness (Calcium) LR	5-60 ppm CaCO <sub>3</sub>	WTS-K101535	WTS-P101592
Hardness (Total) LR + HR	5-600 ppm CaCO <sub>3</sub>	WTS-K101536	WTS-P101593
Hardness (Total) HR	50-600 ppm CaCO <sub>3</sub>	WTS-K101537	WTS-P101594
Hardness (Total) LR	5-60 ppm CaCO <sub>3</sub>	WTS-K101538	WTS-P101595
Hardness (Total/Calcium) HR	50-600 ppm CaCO <sub>3</sub>	WTS-K101539	WTS-P101596
Hardness Raw Water	50-600 ppm CaCO <sub>3</sub>	WTS-K101540	WTS-P101597
Hardness Stop/Go	4 ppm CaCO <sub>3</sub>	WTS-K101541	WTS-P101598
Hardness Temporary (Indicator)	9-540 ppm KH	WTS-K101542	WTS-P101599
Hardness Total/Calcium LR+HR	50-600 ppm CaCO <sub>3</sub>	WTS-K101543	WTS-P101600
Hardness Yes/No	8-20 ppm CaCO <sub>3</sub>	WTS-K101544	WTS-P101601
Hydrogen Peroxide HR	15-500 ppm H <sub>2</sub> O <sub>2</sub>	WTS-K101545	WTS-P101602
Iron Spot Tester	Trace Fe	WTS-K101546	WTS-P101603
Molybdate HR Pack	0-400 ppm MoO <sub>4</sub>	WTS-K101547	WTS-P101604
Molybdate LR Pack	2.5-20 ppm MoO <sub>4</sub>	WTS-K101548	WTS-P101605
Nitrite Drop	10-2000 ppm NaNO <sub>2</sub>	WTS-K101549	WTS-P101606
Oxygen (available)	0-500 ppm O <sub>2</sub>	WTS-K101550	WTS-P101607
Peracetic Acid	0-450 ppm PAA	WTS-K101551	WTS-P101608
pH (Universal Indicator)	pH 4-10	WTS-K101552	WTS-P101609
Phosphonate (Cooling Water)	4-20 ppm H.E.D.P.	WTS-K101553	WTS-P101610
Phosphonate (Strong Alkaline)	4-20 ppm H.E.D.P.	WTS-K101554	WTS-P101611
Polyacrylate (Single Phase) HR	0-20 ppm PAA	WTS-K101555	WTS-P101612
Polyacrlate (Two Phase) LR	0-20 ppm PAA	WTS-K101556	WTS-P101613
QAC HR	60-1800 ppm CTAB	WTS-K101557	WTS-P101614
QAC LR	40-300 ppm CTAB	WTS-K101558	WTS-P101615
Sulphite	25-150 ppm Na <sub>2</sub> SO <sub>3</sub>	WTS-K101559	WTS-P101616
Tannin	50-300 ppm Tannin	WTS-K101560	WTS-P101617
Total Chelant	0-2000 ppm EDTA	WTS-K101561	WTS-P101618
Total Oxidant	0.2-6.0 ppm ClO <sub>2</sub>	WTS-K101562	WTS-P101619
Zinc (Free Soluble)	1-10 ppm Zn	WTS-K101563	WTS-P101620
Zinc (Total Complex) Pack	1-10 ppm Zn	WTS-K101564	WTS-P101621