



# MARINE TESTING SOLUTIONS

## Silver (Free) Ionisation Testing

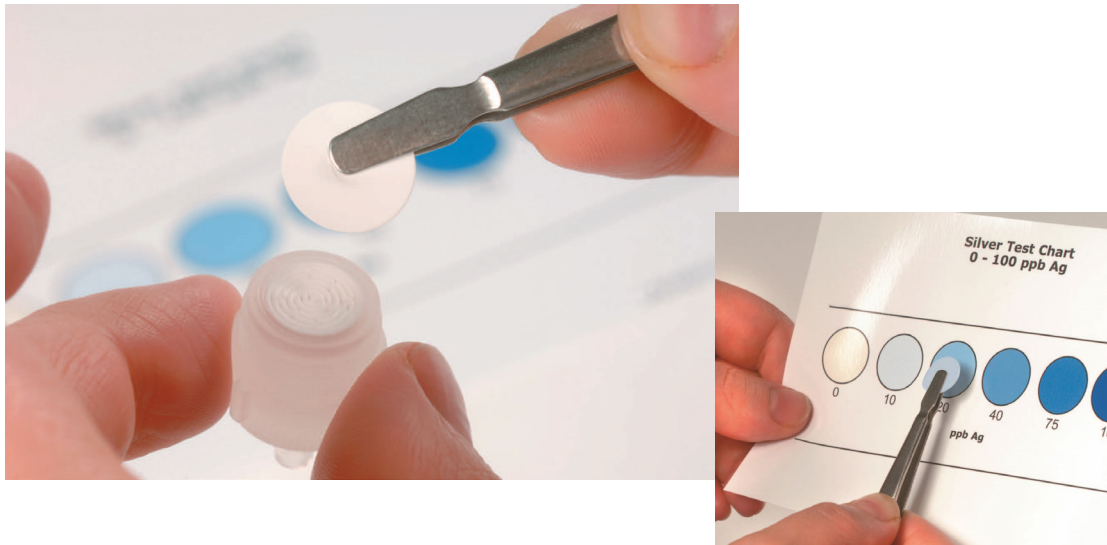
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## Silver (Free) Ionisation Testing Solutions

The MTS-K100109 Silver (Free) Ionisation Test Kit is a portable system for the rapid analysis of ppb levels of silver in hot and cold water systems. A test range of 0-100 ppb, using a 100ml water sample, makes the kit ideal for all operating ranges.



Water treatment systems that electrolytically generate copper and silver ions for the control of bacteria (including planktonic legionella) in hot and cold water systems are becoming more and more common. Silver concentration should be a minimum of 20ppb and higher with hard water feed. It is important that installers of ionisation systems take into consideration regulations on maximum allowable copper and silver levels (The Water Supply (Water Quality) Regulations), as well as local water quality. Hardness and pH are two important factors that can affect the efficiency of the whole process. Copper ions are also required to complete the synergy.

To perform the analysis, following the method, add the reagents to 100ml of sample water; filter this through a small membrane and compare the colour of the membrane with the standard colour chart. The test takes just a few minutes to complete, ensuring correct operating conditions. Ideal for checking sentinel outlets on a monthly basis and representative taps on a rotational basis.

### MTS-K100109 Silver (Free) Ionisation Test Kit

#### Contents:

Marine Plastic Case and Foam		1
Silver Indicator Reagent (65ml)	100 Tests	1
Silver Buffer Reagent (40g)	100 Tests	1
13mm 8µm Filter Papers	100 Tests	1
13mm Filter Holder		1
65ml Syringe		1
Tweezer		1
Colour Reference Card		1
Manual		1

### MTS-P100590 Silver (Free) Ionisation Consumables Pack

#### Contents:

Silver Indicator Reagent (65ml)	100 Tests	1
Silver Buffer Reagent (40g)	100 Tests	1
13mm 8µm Filter Papers	100 Tests	1