



  
Medi-Shower™

## The Medi-Shower™ System – Introduction & Benefits

**Medi-Shower™** is a patented anti-microbial system designed specifically for healthcare facilities which includes:

- Shower Handle • Hose • Shower Head
- Quarterly control chart
- Maintenance keys to change Shower Heads



Medi-Shower™  
Shower Head

### Introduction

Showers are a necessity in Healthcare premises, however they present a risk of nosocomial waterborne infection from bacteria such as Legionella and Pseudomonas. Most Healthcare facilities worldwide use standard domestic shower heads which rely upon traditional spray plate technology. This encourages limescale deposits and growth of both biofilm and bacteria.

**Medi-Shower™** was designed to solve these hygiene problems by completely replacing the spray plate with an innovative anti-microbial, detachable and colour coded micro-sized shower head.

The **Medi-Shower™** system is designed and manufactured in the UK.

**Medi-Shower™ offers the following benefits compared to standard shower heads:**

### Hygienic

Many shower heads currently found in Healthcare premises cannot be readily dismantled for cleaning as recommended so while cleaning may take place, though this is almost impossible to audit, bacteria in air pockets and inaccessible components of the shower head are not affected and recolonisation reoccurs within days. The problem with these domestic shower heads is their often complex internal design, which offers a large internal surface area, encouraging growth of opportunistic pathogens.

**Medi-Shower™** has been designed specifically for the Healthcare sector with a much smaller internal surface area than standard shower heads. The inner water tract in the shower handle features a tapering channel which is a smooth bore continuation of the hose leading directly to the detachable, micro-sized colour coded Medi-Shower™ shower head. This simple two part design results in safer and more hygienic showering.

The colour coded **Medi-Shower™** shower heads can be replaced in seconds, saving many man hours in maintenance and offering significant cost reductions in chemical usage.

## Anti-Microbial

Medi-Shower™ has Biomaster Silver Ion Technology embedded in the matrix of the material at the injection mould stage of manufacture, which cannot be washed or scratched off the product.

**Medi-Shower's™** unique design coupled with the antimicrobial additive inhibits the proliferation of waterborne bacterial infections including Legionella, Pseudomonas aeruginosa, MRSA, ESBL, CPE, E coli, Listeria, Salmonella and Campylobacter.

The **Medi-Shower™** shower head design ensures biofilm simply passes through the shower head as part of a regular flushing regime. The colour coded shower heads are removed/re-inserted using "one way only" colour coded anti-microbial keys

## Cost Effective

The 2016 NHS Sustainable Development Unit (SDU) case study on the North Devon Healthcare NHS Trust found the total cost per **Medi-Shower™** head for a five year period was \$254.00 less per head than the standard shower head it replaced. **Total savings: \$45,630.00 on 179 shower heads.**

## Technical Data:

**Fitting:** 1/2" Standard connectors

**Working pressure:** 7psi up to 70psi.

Regulator recommended fitted to mixer end of hose over 22psi

**Temperature:** Max working temp: 150°F

## Sustainable

The **Medi-Shower™** system has the potential to have zero waste over the 5 year warranted lifetime of the product as the micro-sized (3 gram) shower head is fully recyclable.

**Medi-Shower™** has up to a 5 year warranty and 5 year guarantee against limescale clogging when the shower heads are replaced on a quarterly basis.

## Instant Visual Monitoring System

The **Medi-Shower™** colour coded system offers instant confirmation that the shower heads have been replaced on a quarterly basis.

### Medi-Shower™ Quarterly Control Chart



January – March



April – June



July – September



October – December

Manufactured by: Multishower GB Ltd, **Medi-Shower™**



# Medi-Shower™



Medi-Shower wins "Best Product for Enhancing Infection Prevention" at the 2014 Building Better Healthcare Awards.



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