



**SUNCOMBE**  
CIP & PROCESS ENGINEERS

**MediWasher™**



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## About Us

Suncombe Ltd supply Cleaning and hygienic processing technology for the Medical, Bio-Pharma, Healthcare and other critical hygiene industries. From BedWashers to PartsWashers, we are uniquely capable of offering you a complete washing and processing solution.

Formed in 1961, we have a tremendous amount of experience in-house and provide a high level of technical and engineering expertise. Our completed projects range from stand-alone systems to complete processing solutions. Our products are built to a high quality and encompass all relevant legislation, guidelines, testing, documentation, quality assurance and traceability requirements.



## MediWasher™ Introduction

Suncombe MediWasher™s are a range of washers specifically designed for the medical sector. Developed from our Pharmaceutical washers they incorporate all of the advanced features to meet the requirements of the Medical Sector for high performance washing and disinfecting systems which deliver consistent, repeatable cleans every time.

Designed to fulfil the European EN ISO15883-1/2 and UK HTM 2030 requirements, MediWasher™s are available in front or floor loading versions. With single door or double door entry they provide washing and thermo-disinfection of larger items including theatre transport, trays trolleys, stretchers, gurneys, operating tables, bed frames, IV stands, buckets, wheelchairs, commodes, furniture and other large items.



## Special Washers

Due to our advanced design and manufacturing techniques the MediWasher™s can be custom manufactured to sizes to suit your requirement and your facility. Washers can be manufactured with fixed or removal racks and trolleys to hold/mount any special equipment that needs washing.



## Washing Chamber

316 Stainless steel sloping design and smooth, crevice-free with a polished finish. With rotary spray manifolds to ensure total coverage.



## Washing Parameter Control

The systems guarantee that the washing parameters of time, temperature and the concentration of up to four detergents are achieved in every washing cycle.



## Automation

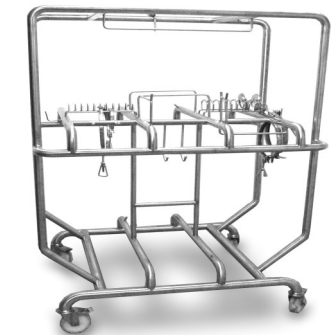
Suncombe offers four different control packages, ControlSuite1™ to ControlSuite4™, they all incorporate the optimum control for operation, providing a simple to use interface which incorporates advanced facilities.

## Validation/ Documentation

The lifecycle approach is adopted (DQ, FAT, SAT, IQ & OQ) with validation being key to every stage of the development process, including Factory Acceptance Testing (FAT), SAT and Qualification.

## Loading Accessories

Standard and Bespoke trolleys, racks, carriers, injectors and baskets. Using a modular approach they allow total flexibility allowing multiple use and thereby reducing the need for multiple accessories, saving costs and space. 3D modelling and riboflavin testing to guarantee full coverage.



## Lean Technology

Adopting LEAN principles, all Suncombe products are developed to ensure they minimise utilities and time, whilst ensuring the safety of the operators and the efficiency of the cleaning. Utilising innovative fluid handling techniques, they incorporate a combination of traditional and new technologies to provide an environmentally friendly,

## Key Features

- UK manufactured to ensure best quality
- Different chamber sizes to suit requirements and equipment to be cleaned
- 316 Stainless steel wetted parts
- Sloping design and smooth, crevice-free construction
- 316/304 stainless steel non-wetted parts
- Hygienic Butterfly valves
- Polished surfaces and optionally electropolished
- Large hygienic washing pump
- Certified hygienic instrumentation
- Fully self-draining
- Fully adjustable cycle parameters including temperatures, pressures and times
- In built troubleshooting and diagnostic ability
- Side entry maintenance
- Final rinse can be recovered for re-use to save water
- Rinses can be recirculated or non-recirculated to eliminate possibility of cross-contamination between rinses.
- Single or double door pass-through versions available
- An extensive range of standard range of trolleys are available for common applications.
- Bespoke trolleys, racks and combinations are available

## Options

- One to four liquid dosing systems including dosing confirmation
- Integrated drying system, variable drying temperature control up to 120°C, providing and fast efficient drying
- Insulated stainless steel door for ergonomic loading with optional observation window and interior light.
- Inflatable door seal ensuring full containment and air tight closing every time including a high temperature locking mechanism.
- Storage for up to 4 x 10 litre detergent containers
- Storage tanks for water supply buffering and reuse
- Double wall insulated construction to reduce electricity consumption and heat loss.
- Electrical or steam liquid heating for fast heatup times
- Conductivity controllers for detergent concentration and purity of final waters.
- Mobile configurations with castors
- Chemical liquid and gaseous sterilant solutions
- Automatic loading and unloading equipment

## Machine Sizes

Due to our advanced design and manufacturing techniques the MediWasher™s can be custom manufactured to sizes to suit your requirement and your facility.

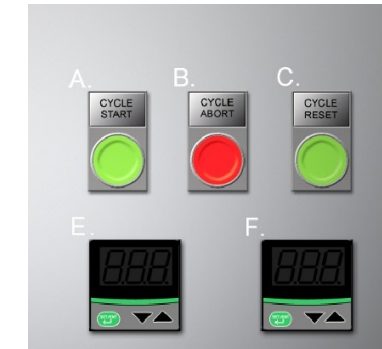
We have selected typical chamber sizes and detailed them in the table below:

Model	Length (mm)	Width (mm)	Height (mm)	# of Doors
MW101010	1,000	1,000	1,000	1
MW151010	1,500	1,000	1,000	1
MW121212	1,200	1,200	1,200	2
MW061010	600	1,000	1,000	1
MW181212	1,800	1,200	1,200	2
MW241212	2,400	1,200	1,200	2
MW241220	2,400	1,200	2,000	2

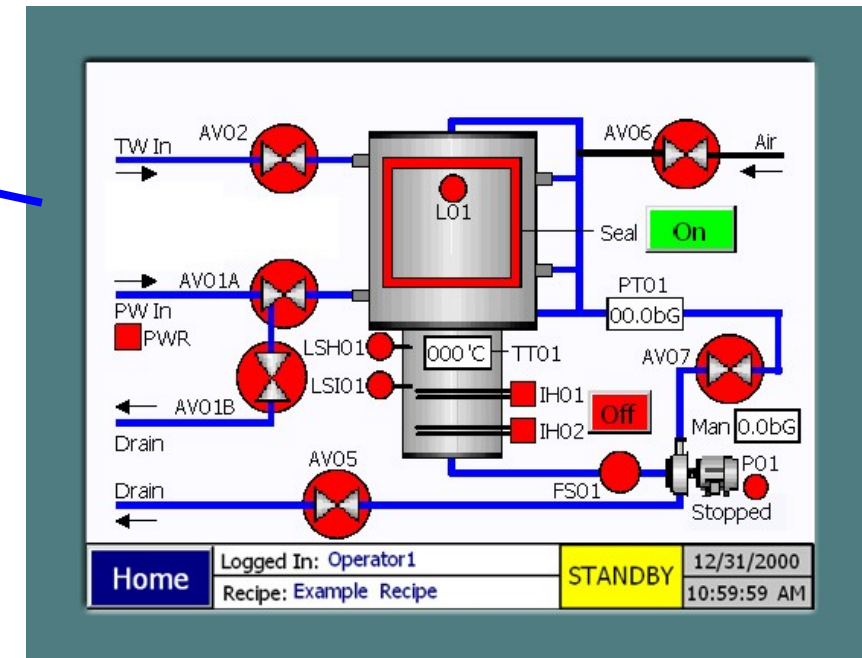


## Automation

**ControlSuite#1™** - Simple versatile automatic control system with 6 time changeable recipes.



**ControlSuite#2™** - Automatic control system with 100 fully configurable recipes, time changeable recipes, I/O faceplates, Mimic diagrams, Printer, Profibus Communications Protocol, Repeatable automatic cycles, User control with passwords, In built troubleshooting and diagnostic ability.



## Support

The Suncombe Technical Support and Customer Care departments' obligation is to provide total customer support. This support starts at the proposal stage, continues throughout the contract and thereafter. A personal customer care agent will be assigned to you at quotation stage and will support you throughout. The department currently supports all of our clients over the last 50 years. Support includes advise and surveys, installation and commissioning, User training, call-out repairs and service contracts for preventative maintenance.