



# Mopping Systems for Critical Environments

Mission-critical cleaning and contamination control

Contec® is a leading manufacturer of contamination control products for critical cleaning in manufacturing environments worldwide. Contec's cleanroom wipes and mops are used in various industries across the globe including biotechnology, pharmaceutical, medical device, healthcare and other critical life science applications.

### **Experienced**

With more than twenty years of experience behind us, we understand the unique cleaning requirements of these highly regulated markets. Our sales and technical support teams are fully trained to assist customers in finding or creating a Contec product that best meets their needs.

### **Global**

Contec has established a cleanroom manufacturing facility and distribution centre in Vannes, France, with long term strategic partner Socomore, part of Groupe Méaban which allows us to locally support our European customers. Contec owns and operates further manufacturing facilities in South Carolina, USA and Suzhou, China. Contec has a team of technical specialists and sales representatives in Europe, North America and Asia. These facilities and dedicated team members give Contec the ability to provide product and technical support to multi-national customers with global needs.

### **Committed to quality**

We recognize our customers as the centre of our organizational structure. Our employees are committed to meeting each customer's specifications and exceeding each customer's expectations. We will achieve this through the periodic review and continuous improvement of all processes in our management system. All manufacturing facilities are certified to ISO 9001:2008 which ensures customers of consistent quality products – from development to delivery.

### **Committed to customers**

Let us help solve your cleaning challenges. Product samples, demonstrations and trials are always offered free-of-charge. We have regional technical specialists who work with our professional sales staff who will come to your location and recommend the best product and practices for your needs. If necessary we can develop unique custom solutions to your problems.



# Contec Mopping Systems

## The most complete line of cleaning tools for cleanrooms and controlled environments

Over the past 20 years, Contec has developed the most complete range of mopping and cleaning products for the life science industry. Whether cleaning or disinfecting walls, floors, ceilings or inside RABS, isolators and bio-safety cabinets, Contec has a mop or cleaning tool that meets the demanding requirements of today's highly regulated pharmaceutical and healthcare industry.

Our extensive product line for cleanrooms and critical environments includes both sterile and non-sterile, knitted and nonwoven, presaturated wipes and mop heads. The unparalleled range of mop hardware includes autoclavable bucket systems, edgeless mops, mop wipe frames, isolator cleaning tools and wall washing systems. We can also offer a selection of mops and buckets for customers with limited storage space.

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# Guide to cleaning and disinfection

**Pharmaceutical mopping systems need to be effective at removing both non-viable and viable contamination, capable of applying a disinfectant or detergent, dislodging biofilms, removing residues, suitable for autoclaving or sterilisation, ergonomically friendly and easy to use whilst not contributing to the overall bioburden themselves or generating additional particulates. They also need to be compatible with a wide range of disinfectants including sporicides which are potentially aggressive chemicals.**

Mop heads and mop head covers made from different substrates with varying properties may be required for different grades of room. It may also be beneficial to have a choice of mop head frames as tasks have different requirements, whether it is reaching high ceilings with telescopic handles, or smaller heads for use in isolators and mini-environments or tools designed for cleaning around fitted equipment and benches.

Contec has one of the widest ranges of mop frames and mop heads allowing you to choose exactly the right product for each job and cleanroom area.

“one of the widest ranges of mop frames and mop heads allowing you to choose exactly the right product for each job and cleanroom area”

## Cleaning

Surfaces with high levels of soil or residues from disinfectants will have a detrimental effect on the disinfectant used. Starting with a surface free of non-viable contamination may mean a less aggressive disinfectant can be employed.

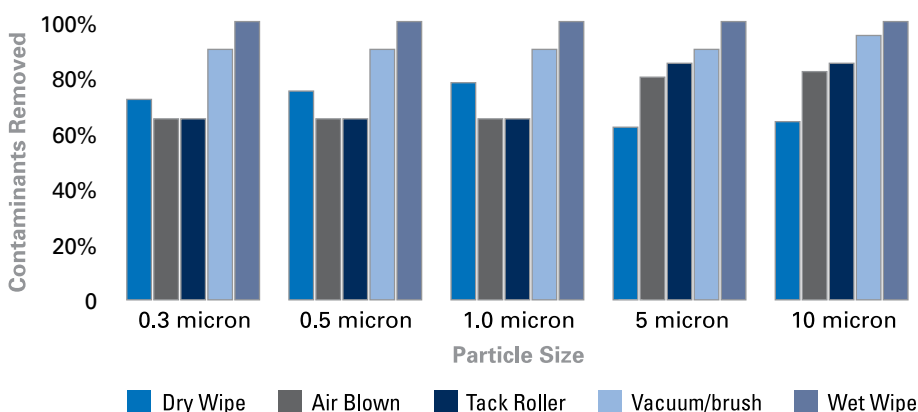
The objective of cleaning is to reduce the amount of non-viable contamination, such as dust, dirt, light oils in a cleanroom to a visibly clean state. The amount of gross soil even in the lowest grade of pharmaceutical cleanroom is minimal compared with other industries so cleaning may only need to be carried out on a regular but infrequent basis.

Cleaning with a mopping system helps to dislodge and remove any biofilm formation which will also inhibit the efficacy of a disinfectant.

Some common methods for the general cleaning of hard surfaces are shown in the diagram below. The comparison shows that cleaning with a pre-wetted wipe or mop is the most efficient way to remove contamination from a hard surface.

Ideal mopping systems for cleaning need to be able to apply suitable aqueous cleaner in a sufficient quantity to walls, floors and ceilings to ensure any potential soils and disinfectant residues are removed. Mop heads with a certain level of abrasion will help to remove any potential biofilms that have formed on the surface. For spill control a mop with outstanding absorption and fluid retention properties is required to prevent the contamination being spread across the surface.

Cleaning Effectiveness Method Comparison <sup>1</sup>



## Disinfection

Regardless of the efficacy of the disinfectants selected, if appropriate consideration is not given to cleaning and disinfection techniques, the overall success of the bio-decontamination process will be compromised.

The aim of disinfection is to reduce the viable contamination within the cleanroom to a pre-defined level. This accepted level of viable contamination is specified very clearly within the Good Manufacturing Guidelines for Pharmaceutical Manufacturers<sup>2</sup>. Even if a very powerful disinfectant is being used, unless it is correctly applied to the cleanroom with even coverage, over all surfaces, without missing any areas; even if they are hard to reach, then the effectiveness of the overall disinfection process will be compromised.

Pharmaceutical and biotechnology cleanrooms have very specialised requirements that cannot be met by general janitorial cleaning products.

### EU GMP

#### Recommended limits for microbiological contamination

Grade	Air Sample cfu/m <sup>3</sup>	Settle plates (diam. 90 mm), cfu/4 hours	Contact plates (diam. 55 mm), cfu/plate	Glove print 5 fingers cfu/glove
A	<1	<1	<1	<1
B	10	5	5	5
C	100	50	25	-
D	200	100	50	-

If a poor choice of mop and bucket system is made which is difficult or uncomfortable to use and quickly leads to operator fatigue, then a robust bio-decontamination programme will not be achieved.

## Cleaning and disinfection

It is very difficult to recommend a cleaning and disinfection regime as it depends on many factors. The protocols and their frequency should be the result of validation through environmental monitoring of the cleanroom. There are, however, some points which are always relevant:

- Products used in pharmaceutical Grade A and B zones should be sterile prior to use.<sup>2</sup>
- Cleaning and disinfection should be carried out by trained operators according to written standard operating procedures (SOPs).<sup>2</sup>
- Horizontal surfaces will require more frequent cleaning and disinfection than vertical surfaces.
- Higher grades of room and product contact areas will need more frequent cleaning and disinfection.
- Areas which experience high levels of activity will need more frequent cleaning and disinfection.

(1) Cleaning Effectiveness Method Comparison: Contec Presentation 1996: D Nobile

(2) EudraLex. The Rules Governing Medicinal Products in the European Union Volume 4, EU Guidelines to Good Manufacturing Practices for Medicinal Products for Human and Veterinary Use, Annex 1 – Manufacture of Sterile Medicinal Products



## VertiKlean MAX Wall and Floor Mops



- Being ultra-lightweight makes this flat mop especially suitable for walls, floors and ceilings reducing operator fatigue and promoting best practice.
- Featuring a single layer of hydrophilic foam for unmatched absorbency.
- Unique patented design allows the flexibility to add dry or presaturated wipes to the mop head.
- Available in a range of sizes with different handle options, the mop can be used in all areas.

The VertiKlean MAX mopping system is designed for cleaning and disinfectant application to walls, floors and ceilings in high grade cleanrooms. The disposable mop head features clean polyurethane foam laminated to knitted polyester fabric making it highly absorbent, so making short work of disinfectant application. Backed by a semi-rigid thermoformed plate the mop head easily snaps onto the VertiKlean MAX mop head frame.

Ergonomics and ease of use play a huge role in ensuring mopping is carried out correctly and the option of telescopic handles and one of the lightest mop heads available on the market ensures that VertiKlean MAX mops are always used correctly even in rooms with high ceilings and around fitted equipment.

### Features and benefits

<p><b>Ultra-lightweight semi-rigid thermoformed head plate</b></p>	<ul style="list-style-type: none"> <li>• Reduces operator fatigue encouraging compliance with best practice mopping.</li> </ul>
<p><b>Polyester fabric laminated to laser cut hydrophilic polyurethane foam</b></p>	<ul style="list-style-type: none"> <li>• Retains high levels of fluid so reducing the frequency of replenishment from the bucket.</li> <li>• Heat sealed edges lower the risk of shedding particulates.</li> <li>• Good chemical resilience so compatible with most common detergents and disinfectants.</li> <li>• Ensures smooth and uniform application of disinfectant.</li> <li>• More durable than a traditional sponge.</li> </ul>
<p><b>Low profile mop head</b></p>	<ul style="list-style-type: none"> <li>• Allows easy access to confined spaces for efficient cleaning and disinfection.</li> </ul>
<p><b>Pivoting mop head frame</b></p>	<ul style="list-style-type: none"> <li>• Makes cleaning around door/ window frames and fitted equipment easy.</li> </ul>
<p><b>Validated sterile options</b></p>	<ul style="list-style-type: none"> <li>• Meets GMP requirements for sterile products in Grade A and B zones.</li> </ul>
<p><b>Optional polyester mop head covers</b></p>	<ul style="list-style-type: none"> <li>• Extend the life of the mop head so reducing overall costs.</li> </ul>
<p><b>Designed for use with QuickConnect Mop Handles</b></p>	<ul style="list-style-type: none"> <li>• Different handles can be interchanged quickly and easily.</li> </ul>
<p><b>Designed for use with the Modular or Divided Bucket System</b></p>	<ul style="list-style-type: none"> <li>• Ensures only clean disinfectant or detergent is applied to the surface, preventing re-application of contaminants.</li> </ul>

## Isolator, RABS and Mini-environment cleaning and disinfection

Even if they are to be sanitised using gaseous hydrogen peroxide or other gaseous chemicals, mini-environments need to be cleaned prior to disinfection. The regular size of the VertiKlean MAX is an ideal tool for use in these areas. Ultra-lightweight, the low profile head and pivoting handle makes it especially suitable for best practice overlapping cleaning in confined spaces. The highly absorbent mop head can be used with the shortest QuickConnect handle which is only 400mm long so easily passes into a transfer hatch. Alternatively for larger systems, a 400mm handle which extends to 760mm is also available.



Regular 21cm x 11cm x 2cm



Medium 32cm x 11cm x 2cm



Large 38cm x 11cm x 2cm

“ensures smooth and uniform application of disinfectant”

## Mop Wipe System

The unique design of the VertiKlean MAX mop head allows various dry and presaturated wipes to be used with the mop head and frame. Presaturated mop wipes provide the most convenient method of cleanroom disinfection eliminating the need for any water in the controlled environment. The use of presaturated wipes eliminates any potential dilution errors and also saves time preparing disinfectants for use. The level of saturation is always consistent ensuring controlled application of the fluid to all surfaces of the cleanroom at all times.

A wide range of dry and presaturated wipes is available to fit the two sizes of VertiKlean MAX mop head and the QuickClean Flat Mop Wipe Frame. For further information see page 8 and 9.





“a very efficient way to clean and disinfect surfaces”

## QuickTask Flat Mops

- Range of flat mop heads in different materials to suit all cleanroom classifications.
- Hinged design allows quick and easy replacement of mop heads.
- Choice of flat mop head frames and handles for ease of use in all sizes of facility.
- Mop head frames are suitable for autoclaving with sterile single use or autoclavable mop heads available.

Flat mop systems provide a very efficient way to clean and disinfect surfaces as they allow the user to mimic the “pull and lift” action of a wipe thereby physically removing contaminants from the surface. The mop head frames are specifically designed to give good, even coverage with no uneven pressure points.

The hinged mop head frames in a choice of stainless steel or autoclavable polypropylene allow quick and easy replacement of the mop heads encouraging operators to change mop heads frequently in line with best practice.

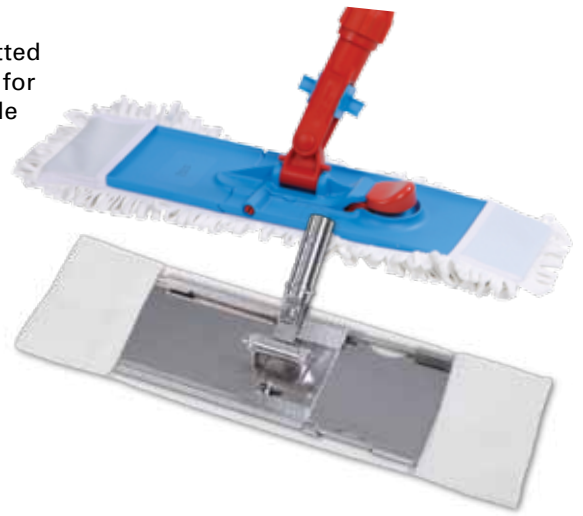
The option of single use disposable mop heads or mop heads which can be laundered and autoclaved provide both best practice and cost effective alternatives.

### Mop head frames features and benefits

<p><b>Constructed from stainless steel or durable autoclavable polypropylene</b></p>	<ul style="list-style-type: none"> <li>• Suitable for autoclaving allowing use in highest grade areas.</li> <li>• Reducing operator fatigue and encouraging compliance.</li> <li>• Holes in the metal frame reduce weight and speed up wringing, increasing efficiency.</li> <li>• Compatible with most common detergents and disinfectants.</li> </ul>
<p><b>Hinged design</b></p>	<ul style="list-style-type: none"> <li>• Easy to replace mop heads promote prompt replacement by operators when contaminated.</li> </ul>
<p><b>Flat contact plate</b></p>	<ul style="list-style-type: none"> <li>• Ensures good contact with smooth surfaces with no uneven pressure points improving the consistency of the cleaning and disinfection process.</li> </ul>
<p><b>Robust head joint</b></p>	<ul style="list-style-type: none"> <li>• Allows controlled movement of the mop head to ensure all surfaces can be reached and contact is made at all times providing efficient cleaning and disinfection.</li> </ul>
<p><b>Designed for use with QuickConnect Mop Handles</b></p>	<ul style="list-style-type: none"> <li>• Different handles can be interchanged easily and quickly.</li> </ul>
<p><b>Designed for use with the Modular Bucket System</b></p>	<ul style="list-style-type: none"> <li>• Ensures only clean disinfectant or detergent is applied to the surface, preventing re-application of contaminants.</li> </ul>



Contec offers one of the widest ranges of flat mop heads, from sterile knitted polyester for single use in Grade A and B zones to launderable microfibre for lower grade rooms and outer areas. Four different mop heads are available and their construction makes the application of disinfectant or removal of soil straightforward even on uneven surfaces.



“the application of disinfectant or removal of soil is straightforward even on uneven surfaces”

#### Polyester / Cellulose blend mop heads



- Cost effective.
- Highly sorbent.
- Suitable for removal of light soils, residues and biofilms.
- Sterile or non-sterile options.
- Designed for single use.

#### Knitted 100% polyester mop heads



- Cleanroom laundered 100% polyester knit ensures a low level of particulates.
- Sorbent multi-layer knitted structure applies solutions evenly.
- Designed for single use.
- Sterile or non sterile options.

#### Looped microfibre mop heads



- Exceptional sorbency and mop to dry performance on wet surfaces.
- Cost effective as can be laundered and autoclaved.
- Highly effective at the removal of liquids, soils, residues and other contaminants.
- Especially effective on polymeric flooring.

#### Knitted looped polyester mop heads



- Cleanest and most durable mop head.
- Tubular knit loops conform to any shape making it especially suitable for coving bases and wall/floor joints.
- Manufactured from cleanroom laundered polyester for a very low level of particulates.
- Exceptional value as can be repeatedly laundered and autoclaved.
- Loops also provide high levels of sorbency and good performance drying wet surfaces.

## Contec Mop Wipe Systems



- Choice of stainless steel QuickKlean flat mop head frame or VertiKlean MAX mop heads allow the use of both dry and presaturated mop wipes.
- Range of mop wipes in a variety of substrates from general purpose non woven wipes to laundered 100% polyester.
- Completely eliminates the need for a bucket and wringer.

Presaturated mop wipes provide a convenient method of cleanroom disinfection. The level of saturation is always consistent ensuring controlled application of the fluid to the surfaces of the cleanroom.

Presaturated wipes reduce the level of atmospheric disinfectant and minimise operator exposure to the chemicals which is especially important when using alcohol solutions.

The mop wipes are easy to fit to either the VertiKlean MAX grips on the back-plate of the laminated foam head or to the stainless steel QuickKlean mop head which secures the wipes with stainless steel wire clips. The grips and clips have been specifically designed to ensure wipes can be easily fitted and removed without snagging gloves.

### Wipes available

A wide range of dry and presaturated wipes is available to fit two sizes of VertiKlean MAX mop head and the QuickKlean Flat Mop Wipe Frame.

Any wipe in the Contec range which measures a minimum of 280mm x 230mm will fit the regular VertiKlean MAX and any wipe which measures 340mm x 280mm will fit the medium VertiKlean MAX. Wipes 420mm x 250mm fit the QuickKlean Mop Wipe Frame.

This allows flexibility to choose the most appropriate wipe substrate to suit each cleaning and disinfecting application and budget.

### Features and benefits

<b>QuickKlean stainless steel frame</b>	<ul style="list-style-type: none"> <li>• Suitable for autoclaving allowing use in highest grade areas.</li> <li>• Compatible with most common detergents and disinfectants.</li> </ul>
<b>VertiKlean MAX semi-rigid thermoformed head plate</b>	<ul style="list-style-type: none"> <li>• Ultra-lightweight reducing operator fatigue and encouraging compliance.</li> <li>• Compatible with most common detergents and disinfectants.</li> </ul>
<b>Specifically designed wire clips or plastic grippers</b>	<ul style="list-style-type: none"> <li>• Robust, easy-to-use clips secure wipes firmly without snagging gloves.</li> </ul>
<b>Low profile mop head</b>	<ul style="list-style-type: none"> <li>• Allows easy access to confined spaces for efficient cleaning and disinfection.</li> </ul>
<b>Choice of mop head sizes</b>	<ul style="list-style-type: none"> <li>• Enables easy cleaning of all cleanroom surfaces.</li> </ul>
<b>Robust head joint</b>	<ul style="list-style-type: none"> <li>• Allows controlled movement of the mop head ensuring that all surfaces can be reached and contact is made at all times providing efficient cleaning and disinfection.</li> </ul>
<b>Designed for use with QuickConnect Mop Handles</b>	<ul style="list-style-type: none"> <li>• Different handles can be interchanged easily and quickly.</li> </ul>

## Wipe Substrate Options – see ordering guide for sterile and presaturated options

Cleanroom laundered two-ply quilted knitted 100% polyester (Quiltec I)

Cleanroom laundered knitted 100% polyester (Polynit)

Nonwoven 100% polyester (Amplitude Delta)

Meltblown 100% polypropylene (Amplitude Helix)

Hydroentangled polyester / cellulose blend (Amplitude Sigma)

Thermally bonded cellulose and polypropylene (Amplitude Zeta)

### Two-ply quilted knitted 100% polyester (Quiltec I)

- Cleanroom laundered 100% polyester knit ensures a very low level of particulates.
- Very absorbent and durable.
- Especially suitable for large surface areas.
- Use where superior sorbency is required.

### Knitted 100% polyester (Polynit)

- Cleanroom laundered 100% polyester knit ensures a very low level of particulates.
- Abrasion resistant so very durable.
- Ideal for uneven surfaces and heavy duty applications.

### Nonwoven 100% polyester (Amplitude Delta)

- More cost effective option.
- Very low levels of particulates.
- Good chemical compatibility.
- Strong and durable.

### Meltblown polypropylene (Amplitude Helix)

- Low levels of particulates.
- Microfibre sized filaments provide exceptional particle removal.
- Very suitable for the controlled release of saturant/solvent.

### Hydroentangled polyester/cellulose (Amplitude Sigma)

- Most cost effective option.
- Highly sorbent.
- Suitable for removal of light soils, residues and biofilms.

### Thermally bonded cellulose and polypropylene (Amplitude Zeta)

- Inner core of cellulose sealed between two layers of meltblown polypropylene.
- Highly absorbent.
- Ideal for spill control and as tray liners.



“presaturated mop wipes provide a convenient method of cleanroom disinfection”



“offers the most efficient and uniform method of disinfecting vertical surfaces”

## VertiKlean Wall Mops

- Patented flat mop system especially suitable for vertical surfaces in cleanrooms and controlled environments.
- Knitted polyester laminated to clean ester foam mop heads carry the fluid to the surface and distribute it in a uniform manner.
- Available in a range of sizes with different handle options the mop can be used in all areas.

The VertiKlean mopping system is a cost effective disposable mop system using laser cut laminated foam and knitted polyester to provide an absorbent but low particulate mop head. The mop heads are autoclavable or can be sterilised by gamma irradiation or Ethylene Oxide gas to allow repeat use. Cellulose free and available sterile, the mops are especially suitable for cleanroom environments.

A 100% knitted polyester cover (VertiKlean Sox) is available to fit each size of VertiKlean Mop which extends the life of the mop head. A textured VertiKlean mop head is also available which is especially suitable for applications that require extra abrasion.



### Features and benefits

<p><b>Polyester fabric laminated to clean ester foam laser cut mop heads</b></p>	<ul style="list-style-type: none"> <li>• Sealed edges lower the risk of shedding particulates.</li> <li>• Good chemical resilience so compatible with most common detergents and disinfectants.</li> <li>• Ensures smooth and uniform application of disinfectant.</li> <li>• More durable than a traditional sponge.</li> </ul>
<p><b>Rugged textured polyester option</b></p>	<ul style="list-style-type: none"> <li>• Provides a more abrasive action for residue removal.</li> </ul>
<p><b>Choice of mop head sizes</b></p>	<ul style="list-style-type: none"> <li>• Enable easy cleaning of all cleanroom surfaces from isolators and RABS to large expanses of wall and floor.</li> </ul>
<p><b>Pivoting mop head frame</b></p>	<ul style="list-style-type: none"> <li>• For effective cleaning around door/ window frames and fitted equipment.</li> </ul>
<p><b>Validated sterile options</b></p>	<ul style="list-style-type: none"> <li>• Meets GMP requirements for sterile products in Grade A and B zones.</li> </ul>
<p><b>Optional polyester mop head covers</b></p>	<ul style="list-style-type: none"> <li>• Extend the life of the mop head so reducing overall costs – presaturated covers are available on request.</li> </ul>
<p><b>Designed for use with QuickConnect Mop Handles</b></p>	<ul style="list-style-type: none"> <li>• Different handles can be interchanged quickly and easily.</li> </ul>
<p><b>Designed for use with the Modular Bucket System</b></p>	<ul style="list-style-type: none"> <li>• Ensures only clean disinfectant or detergent is applied to the surface, preventing re-application of contaminants.</li> </ul>

# EasyCurve Wall and Floor Mop

- Designed specifically for controlled environments the patented EasyCurve Mop features a flat mop head fitted to a curved stainless steel frame which allows a true “pull and lift” surface cleaning action.
- Lightweight system - offers all the convenience of a self-wringing mop without the ergonomic stress and strain.

Mop heads made of knitted polyester fabric laminated to sealed edge clean hydrophilic foam provide both an absorbent and clean mop head for the uniform application of disinfectants.

The disposable mop head secures firmly and easily to the curved frame by a unique system of latching tabs. The combination of the curved head and the pivoting handle makes the EasyCurve an ideal tool for all areas of the cleanroom especially difficult to access coving joints between walls and floors or ceilings.

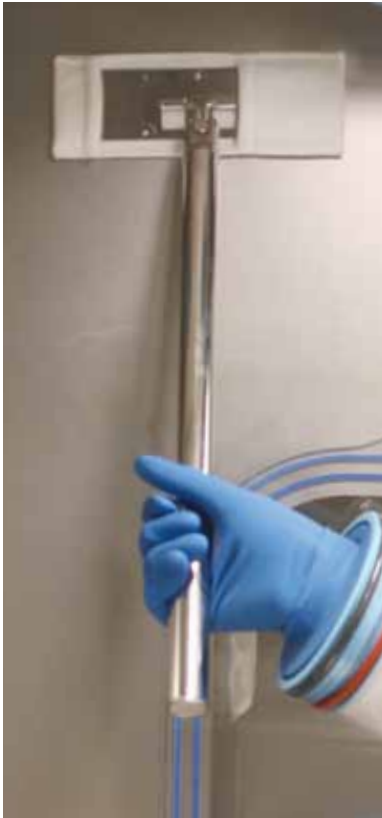
The EasyCurve system uses a unique autoclavable polyester mesh “sling” as a wringer. This fits neatly over a bucket to completely and easily remove fluid from the mop head. The weight of the mop is considerably reduced over a self-wringing mop as the addition of the wringer to the handle adds at least ½ a kilo to the overall weight of the mop. The weight of the EasyCurve mop is up to 50% lower than a self-wringing mop.

“ideal tool to access coving joints”



## Features and benefits

<p><b>Polyester fabric laminated to clean ester foam laser cut mop heads</b></p>	<ul style="list-style-type: none"> <li>• Heat sealed edges lower the risk of shedding particulates.</li> <li>• Good chemical resilience so compatible with most common detergents and disinfectants.</li> <li>• Ensures smooth and uniform application of disinfectant.</li> <li>• More durable than a traditional sponge.</li> </ul>
<p><b>Stainless steel mop head frame with plastic "bumpers"</b></p>	<ul style="list-style-type: none"> <li>• Durable and autoclavable suitable for use in a cleanroom environment.</li> <li>• Protects adjacent walls and surfaces from damage.</li> </ul>
<p><b>Curved pivoting head design</b></p>	<ul style="list-style-type: none"> <li>• Provides effortless contact with all surfaces including coving joints.</li> <li>• Allows “pull and lift” technique to be employed on all surfaces.</li> </ul>
<p><b>Lightweight system</b></p>	<ul style="list-style-type: none"> <li>• Less than half the weight of a self-wringing mop, significantly reduces operator fatigue increasing the level of compliance.</li> </ul>
<p><b>Autoclavable hardware</b></p>	<ul style="list-style-type: none"> <li>• Suitable for use in all grades of cleanroom.</li> </ul>
<p><b>Lightweight autoclavable "slinger" style wringer and bucket</b></p>	<ul style="list-style-type: none"> <li>• Compact design makes it suitable for use in both critical and small facilities.</li> <li>• Effectively wrings mop and removes contaminants from mop head.</li> <li>• Compatible with most common detergents and disinfectants.</li> </ul>
<p><b>Sterile options available</b></p>	<ul style="list-style-type: none"> <li>• Suitable for use in highest grade cleanrooms.</li> </ul>



## EasyReach Isolator and Mini-Environment Cleaning Tool

- Specially designed lightweight stainless cleaning tool for isolators, RABS, glove boxes and laminar flow cabinets.
- Rectangular shape makes overlapping straight-line action easy to achieve.
- Hinged joint and lightweight design makes single handed cleaning comfortable.
- Unique presaturated sterile cleaning pads available.

The cleaning and disinfection of isolators and RABS can often be a thankless task, designed with operator or product safety in mind they are not always easy to decontaminate. The EasyReach cleaning tool has been specifically created to make this job easy.

The 100% polyester pads are designed to provide a low level of particulates which is essential for use in product contact areas. In addition, the extra thick, multi-layer construction is very absorbent, ensuring a good even coverage of disinfectant. The unique presaturated pads make the task of cleaning and disinfecting an Isolator or RAB even easier as no spray bottles need to be passed into the controlled environment and exactly the same amount of fluid is used by each operator.

### Features and benefits

<b>Well fitting 100% polyester pad</b>	<ul style="list-style-type: none"> <li>• Remains secure in use allowing for efficient disinfection and residue removal.</li> <li>• Very low particulate for Grade A environments.</li> </ul>
<b>Choice of dry or presaturated pads</b>	<ul style="list-style-type: none"> <li>• Can be used with a detergent or disinfectant of choice utilising existing validation. Presaturated pads eliminate the need for spray bottles in the controlled environment.</li> </ul>
<b>Short handle only 40cm</b>	<ul style="list-style-type: none"> <li>• Small enough to fit into the tightest of transfer ports.</li> </ul>
<b>Low profile pivoting head</b>	<ul style="list-style-type: none"> <li>• Ensures even the most awkward areas can be reached with the minimum effort whilst maintaining good contact with the surface.</li> </ul>
<b>Lightweight stainless steel frame and handle</b>	<ul style="list-style-type: none"> <li>• Suitable for single handed operation, reducing operator fatigue and encouraging best practice compliance.</li> <li>• Suitable for autoclaving at 121°C and compatible with a wide range of cleaning and disinfection products including vaporised hydrogen peroxide.</li> </ul>
<b>Rounded edges</b>	<ul style="list-style-type: none"> <li>• Ensures there is no possibility of damage or scratching of equipment.</li> </ul>
<b>Fixed length or telescopic handles</b>	<ul style="list-style-type: none"> <li>• Extends to 72cm to facilitate cleaning in large RABS, half suits or incubators, minimising the risk of strains through over-reaching.</li> <li>• Reduces the likelihood of containment devices being breached and therefore contaminated whilst operators are cleaning.</li> </ul>
<b>Hanging Hook</b>	<ul style="list-style-type: none"> <li>• Allows convenient storage away from work surfaces.</li> </ul>

## EasyReach Cleaning Pads

The extra thick quilted polyester pads are very absorbent and hold high levels of detergent or disinfectant facilitating easy cleaning and disinfection. Made from Quiltec I substrate, a two-ply quilted polyester which has been laundered in a Class 4 cleanroom, the cleaning pads have sealed edges to further reduce the number of readily releasable particles.



### Features and benefits

<b>Laundered knitted, sealed edge 100% polyester pads</b>	<ul style="list-style-type: none"> <li>• Extremely low levels of particles and fibres so suitable for use in Grade A zones.</li> <li>• Strong and durable with good abrasion resistance.</li> <li>• High level of chemical resistance, compatible with a wide range of detergents and disinfectants.</li> </ul>
<b>Two-ply quilted polyester</b>	<ul style="list-style-type: none"> <li>• Provides a high level of sorbancy for even application of disinfectants.</li> </ul>
<b>Extra thick, multi-layer pad</b>	<ul style="list-style-type: none"> <li>• Provides good even coverage without a lower grade material inner core.</li> </ul>
<b>Easy grab edge</b>	<ul style="list-style-type: none"> <li>• Ensures the pad can fit tightly but is also easy to replace even with gloved hands, encouraging prompt replacement of the pad when necessary.</li> </ul>
<b>Unique presaturated pads with 70% IPA and denatured ethanol</b>	<ul style="list-style-type: none"> <li>• Easy to use, ensures the correct amount of disinfectant is used each time, by each operator.</li> <li>• Eliminates the need to take bulky bottles of fluids into the confined critical zone.</li> </ul>
<b>Validated sterile pads available</b>	<ul style="list-style-type: none"> <li>• Suitable for use in Grade A and B zones.</li> </ul>
<b>Double bagged</b>	<ul style="list-style-type: none"> <li>• Allows for easy pass through into controlled environments minimising bioburden.</li> </ul>
<b>Small pack quantities</b>	<ul style="list-style-type: none"> <li>• Optimised for use in a single session minimising wastage and promoting best practice.</li> </ul>

## Do's and Don'ts for biodecontamination of Isolators and RABS

### Do

Clean before disinfecting even when using a gaseous decontamination process.

Wipe from cleanest to dirtiest, usually top to bottom and back to front.

Wipe in straight lines, overlapping each wiping stroke by 10 – 25%.

### Don't

Allow a disinfectant to remain in contact with surfaces for longer than the manufacturer's recommended contact time.

Let fluid run into areas that you cannot reach to wipe dry, as it will corrode equipment especially where it cannot evaporate. Apply to a wipe first or use presaturated wipes.

Leave areas of paint or coatings unrepaired if they are scratched or damaged, as it is usually coated mild steel which will corrode if fluid gets underneath the coating.

“hinged joint and lightweight design make single handed cleaning comfortable”



## Edgeless Floor Mops

- Cleanroom laundered polyester tube mop heads made from strong durable knitted polyester.
- Patented system with unique ribbed twisted strands that provide additional absorbency.
- Ideal for wet mopping, they are compatible with a wide range of detergents and disinfectants.

Edgeless mop heads are made from a continuous tube of 100% polyester knitted fabric looped to form tubular mop strands. Cleanroom laundered, strong and durable, the Edgeless mop heads eliminate breakage and deterioration common with cotton and rayon string mops. The mops all feature a polyester tail band which provides a more controlled mopping action. The tail band is available in different colour options on the Long Edgeless Mop to reinforce area segregation.



Edgeless Mop – traditional tube construction



Textured Edgeless Mop – unique ribbed and twisted strands

### Features and benefits

<p><b>Laundered 100% knitted polyester in a continuous tube loop</b></p>	<ul style="list-style-type: none"> <li>• Very clean and durable with no cut edges.</li> <li>• Very low levels of particulates and fibres.</li> <li>• Good chemical resistance, compatible with a wide range of detergents and disinfectants.</li> <li>• Last up to 10 times longer than traditional mops, can be re-laundered and autoclaved.</li> </ul>
<p><b>Tail band</b></p>	<ul style="list-style-type: none"> <li>• Improved control of mop motion, especially around fitted equipment.</li> </ul>
<p><b>Textured large head band</b></p>	<ul style="list-style-type: none"> <li>• Provides good abrasion for residue removal.</li> </ul>
<p><b>Unique twisted ribbed strand option</b></p>	<ul style="list-style-type: none"> <li>• Increases sorbent capacity of the mop.</li> </ul>
<p><b>Optional coloured tail band on Long Mop</b></p>	<ul style="list-style-type: none"> <li>• Allows designation of mops to specific areas.</li> </ul>
<p><b>Short twisted strand option</b></p>	<ul style="list-style-type: none"> <li>• Lighter weight to minimise operator fatigue.</li> </ul>
<p><b>Sterile versions available</b></p>	<ul style="list-style-type: none"> <li>• Suitable for use in high grade A and B cleanrooms.</li> </ul>
<p><b>Delrin/Aluminium mop head</b></p>	<ul style="list-style-type: none"> <li>• Durable, autoclavable and suitable for use with all QuickConnect handles.</li> </ul>



## Tax-Fre Dry Mop

- Unique flat mop for dry mopping walls and floors.
- Ideal for the initial clean-up of high levels of powder and dust prior to disinfection.

Tax-Fre disposable mop wipes are treated with a unique low tack adhesive which is especially suitable for capturing small particles such as powders and dust without leaving any residue. The Tax-Fre mop leaves surfaces extremely clean without the use of any solvents or liquids.



### Features and benefits

<b>Large trapezoid rotating mop head</b>	• Lightweight and easy to cover large areas.
<b>Telescopic aluminium handle</b>	• Allows operators to clean hard to reach areas.
<b>Soft textured wipes</b>	• Will not scratch or harm sensitive surfaces.
<b>Low tack adhesive wipes</b>	• Collects small particles with no transfer of adhesive to surfaces.

## EasySat Bucketless Floor Mop

- Floor mop with built in reservoir which completely eliminates the need for a bucket and wringer.
- Lightweight mop system only 3kg with full reservoir.

Designed for the cleanroom this innovative mop is easy to use, autoclavable, with no complex moving parts. The 1.5L solution reservoir has a large opening so is easy to fill and covers approximately 450sqm without refilling.



### Features and benefits

<b>VertiKlean polyester/ester foam mop heads</b>	• Highly absorbent and low particulate for cleanroom use.
<b>Choice of smooth or textured mop head</b>	• Textured mop head provides a more abrasive action for residue removal.
<b>16 dispensing jets along the head-frame</b>	• Ensure the cleaning solution is evenly dispensed across the VertiKlean mop head.
<b>Closed reservoir</b>	• Minimises exposure to disinfectants and prevents spills.
<b>Trigger control mechanism</b>	• Lightweight and easy to use, releasing fluid on demand or in a continuous flow.
<b>Sterile single use mop heads</b>	• Suitable for use in highest grade cleanrooms.
<b>Fully autoclavable</b>	• Suitable for use in all grades of cleanroom.



# QuickConnect Mop Head Frames and Handles

QuickConnect mop head frames and handles offer maximum flexibility for cleaning and disinfection in controlled environments. A cost effective solution offering maximum flexibility. Invest in one handle, which can be used with all Contec mop head frames, allowing different mop heads to be chosen for specific applications.

The mop head frames have identical quick-connect buttons which enable easy attachment to all sizes and styles of QuickConnect handle. All components are fully autoclavable.

## QuickConnect Mop Head Frames

### VertiKlean and VertiKlean MAX

Lightweight VertiKlean and VertiKlean MAX mop head frames constructed from durable stainless steel with aluminium connectors. In three size options; regular, medium and large.

### QuickTask

Stainless steel mop head frame with drilled holes to reduce weight and facilitate wringing.

### EasyReach

Lightweight small stainless steel mop head frame especially suitable for isolators and RABS.

### Edgeless

Lightweight, constructed from heavy duty autoclavable Delrin compatible with all Edgeless mops.

### EasyCurve

EasyCurve mop head frame constructed from curved stainless steel with a pivoting steel connector.



“A cost effective solution, offering maximum flexibility”

## QuickConnect Mop Handles

Telescopic and fixed length handles are available to facilitate cleaning in the most confined areas or with the highest ceilings.

Different materials are available including electropolished stainless steel, lightweight anodised aluminium and fibreglass.

### Stainless Steel

- 40cm fixed length
- 40cm telescopic extends to 75cm
- 130cm telescopic extends to 230cm
- 150cm fixed length

### Aluminium

- 40cm telescopic extends to 75cm
- 130cm telescopic extends to 230cm
- Fibreglass**
- 170cm telescopic extends to 330cm

# Multiple Bucket Systems

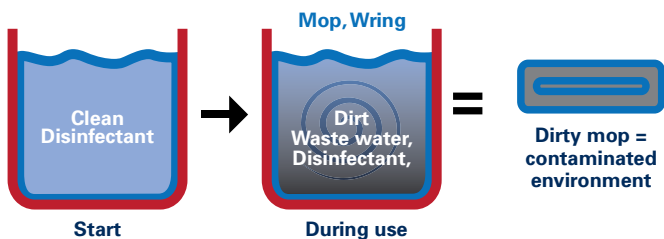
The use of a multiple bucket system promotes efficient cleaning and disinfection as the detergent or disinfectant is not compromised by becoming contaminated or diluted during use. The separate waste bucket ensures that the active solution remains “clean”, uncontaminated by any soil removed from the walls, floors or ceilings. Instead of being re-deposited on surfaces the contaminants are physically removed from the cleanroom environment in the waste bucket.

A triple bucket system further improves the process as the mop can be thoroughly rinsed before being replaced in the detergent or disinfectant. Using single use disposable mop heads also minimises the risk of re-contaminating a surface.

“A multiple bucket cleaning system can improve the overall disinfection process.”

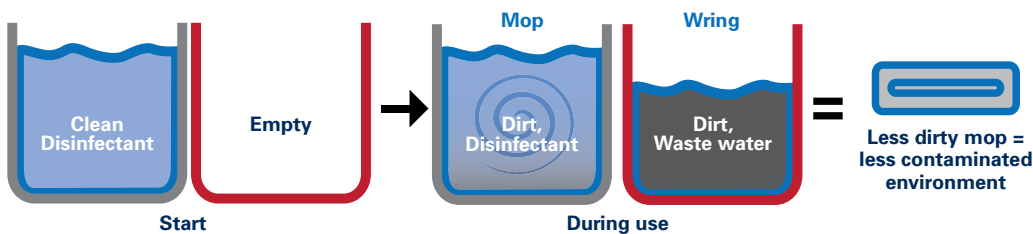
## Single bucket

- Mop** Use bucket with disinfectant and mop floor
- Wring** Wring mop back into single bucket of disinfectant
- Mop** Return a mixture of disinfectant and dirt back to the surface



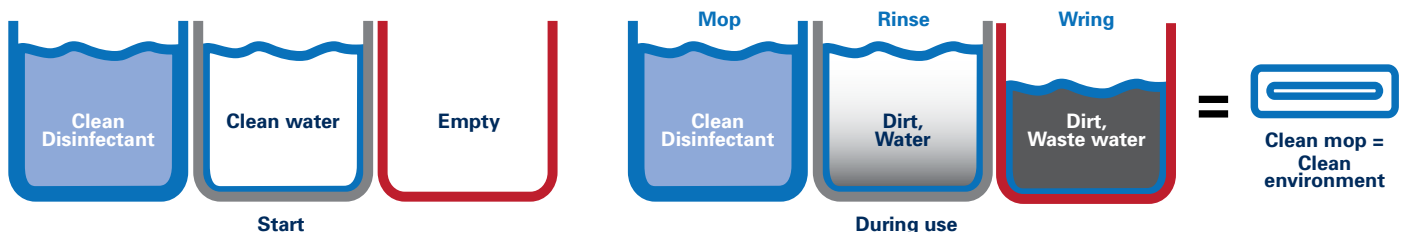
## Double bucket

- Mop** Use bucket with disinfectant and mop floor
- Wring** Wring mop into empty second “waste” bucket
- Mop** Re-apply disinfectant from first bucket to surface, little contamination is returned to the surface



## Triple bucket

- Mop** Use bucket with disinfectant and mop floor
- Wring** Wring mop into empty third “waste” bucket
- Rinse** Rinse mop in clean water in second bucket
- Wring** Wring remaining dirt from mop into “waste” bucket
- Mop** Re-apply disinfectant from first bucket to surface, no contamination is returned to the surface



“Contec’s unique and flexible modular system suits all cleaning requirements.”

## Modular Bucket System

- Double or triple, autoclavable, polypropylene bucket system.
- Modular bucket and trolley system can be configured to suit your cleaning requirements and space constraints.
- Wringer options optimised to each mop head.

The basic system comprises an extendable stainless steel trolley with four castors (two fixed, two swivel/locking) which will hold either two or three 20L buckets. The basic system is supplied with two buckets, one red and one grey. There is the option to add a third blue bucket. The 20L buckets are fully autoclavable and marked with metric graduations. Also included in the basic system is a stainless steel connecting kit which holds the two buckets together, preventing drips between buckets.

A choice of wringers is available, suitable for use with all types of Contec Mopping System. Stainless steel wringers are available for the Edgeless Mop, VertiKlean, VertiKlean MAX and QuickTask Mop Systems. A white polyester mesh wringer in a stainless steel frame, known as a Slinger is available for use with the EasyCurve Mop and also fits the Regular and Medium VertiKlean MAX.

A convenient stainless steel holder and lid is also available which fits onto the handle of the trolley to carry any wipes and bottles which may be needed during the cleaning and disinfection process.

### Features and benefits

<b>Modular design</b>	<ul style="list-style-type: none"> <li>• Systems can be tailored to suit facility and budget requirements.</li> </ul>
<b>Double or triple bucket options</b>	<ul style="list-style-type: none"> <li>• Cleaning solutions are not contaminated during use ensuring “clean” solutions are always reapplied.</li> </ul>
<b>Stainless steel trolley</b>	<ul style="list-style-type: none"> <li>• Suitable for autoclaving and compatible with a wide range of detergents and disinfectants.</li> </ul>
<b>Lightweight rolling trolley with lockable castors</b>	<ul style="list-style-type: none"> <li>• Easy to manoeuvre and secure.</li> </ul>
<b>Heavy duty 20L polypropylene buckets with metric graduations</b>	<ul style="list-style-type: none"> <li>• Suitable for autoclaving and aids correct dilution of concentrates.</li> </ul>
<b>Three different coloured bucket options</b>	<ul style="list-style-type: none"> <li>• Helps to reinforce cleaning protocols, same colour can always be used for rinse water.</li> </ul>
<b>Removable handle</b>	<ul style="list-style-type: none"> <li>• Handle is removable at floor level for easier autoclaving and storage.</li> </ul>
<b>Stainless steel bucket connecting kit</b>	<ul style="list-style-type: none"> <li>• Prevents drips between buckets.</li> </ul>
<b>Choice of wringers</b>	<ul style="list-style-type: none"> <li>• System can be used with all Contec mop heads even the Edgeless and EasyCurve Mopping systems.</li> </ul>

# Build your system

## Step 1

Buy basic trolley system with two buckets and connecting kit.



## Step 2

Add optional third bucket.



## Step 3

Choose your wringer.

**Slinger**



EasyCurve  
VertiKlean MAX

**Flat Mop Wringer**



VertiKlean MAX  
QuickTask  
VertiKlean

**Downpress Wringer**



Edgeless Mop

## Step 4

Choose your accessories.

Stainless Steel Connecting Kit



Stainless Steel Holder and Lid



## Multiple Bucket Systems



- Choice of multiple bucket systems to compliment all types of Contec Mops.
- Range of sizes to allow best practice use of a multiple bucket system in all sizes of facilities.

### Edgeless Mop Double Bucket System

This fully autoclavable polypropylene bucket, wringer and trolley system is suitable for use with the Edgeless Mop. The system is compact, lightweight and manoeuvrable with removable buckets, wringer and handle.

It provides a cost effective "best practice" double bucket option for the Edgeless Mop.



### Divided Bucket System

Its compact size makes it the ideal "double" bucket system for small facilities. The divided bucket delivers the benefits of a multiple bucket system in a very small, cost effective format. The autoclavable 20L bucket is divided into two 10L compartments with a well-fitting lid to prevent liquid spillage during transport.

For use with the VertiKlean MAX (Regular and Medium Heads) and EasyCurve Mop, a specially designed wringer, the Slinger, comprising an autoclavable lightweight polyester mesh and stainless steel frame, fits securely to one side of the system. Two large handles and four non-autoclavable castors allow easy manoeuvrability in use.



### Stainless Steel Multiple Bucket System

Contec's stainless steel multiple bucket system is robust yet easy-to-manoeuvre. The trolley is fully autoclavable and features two 20L stainless steel buckets, downpress wringer and 4 non-marking castors, two that lock easily with the touch of the foot. For maximum flexibility the extending trolley allows an additional third bucket to be fitted.

The handle is removable at floor level to facilitate even easier autoclaving and storage. The entire system is manufactured from electro-polished 304 stainless steel. Buckets are seamless to reduce any risk from microbial contamination and a lip around the top edge facilitates easy lifting.

*"a multiple bucket system for every size of facility."*

# Ordering Guide

## VertiKlean MAX Wall and Floor Mops (Page 4)

Mop Head Frame		Size	Case Size Mops per bag x bags per case
2651A	QuickConnect Mop Head Frame For Regular VertiKlean MAX Mop Heads	19cm	Each
2652A	QuickConnect Mop Head Frame For Medium and Large VertiKlean MAX Mop Heads	29cm	Each

Mop Heads			
VKMX0100	Regular VertiKlean MAX Mop Head	21 x 11 x 2cm	4 mops x 12 bags
VKMX0150	Regular VertiKlean MAX Mop Head Sterile	21 x 11 x 2cm	1 mop x 48 bags
VKMX0200	Medium VertiKlean MAX Mop Head	32 x 11 x 2cm	4 mops x 7 bags
VKMX0250	Medium VertiKlean MAX Mop Head Sterile	32 x 11 x 2cm	1 mop x 28 bags
VKMX0300	Large VertiKlean MAX Mop Head	38 x 11 x 2cm	4 mops x 6 bags

Polyester Covers - VertiKlean Sox			
VK-SOX	Regular VertiKlean Sox Mop Head Cover 100% Polyester	21 x 11cm	4 mops x 8 bags
MVK-QT-SOX	Medium VertiKlean Sox Mop Head Cover 100% Polyester	32 x 11cm	10 mops x 12 bags
LVK-SOX	Large VertiKlean Sox Mop Head Cover 100% Polyester	38 x 11cm	4 mops x 8 bags

## QuickTask Flat Mops (Page 6)

Mop Head Frame		Size	Case Size
2749	QuickTask Stainless Steel Flat Mop Head Frame	40 x 15cm	Each
2740	QuickTask Polypropylene Flat Mop Head Frame Can only be used with 2725E and 2746 QuickConnect Handles.	40 x 15cm	Each

Mop Heads			
TASK0500	QuickTask Polyester/Cellulose Flat Mop Head	41 x 15cm	4 mops x 12 bags
TASK0550	QuickTask Polyester/Cellulose Flat Mop Head Sterile	41 x 15cm	4 mops x 10 bags
TASK0200	QuickTask 100% Polyester Mop Head	41 x 15cm	4 mops x 12 bags
TASK0250	QuickTask 100% Polyester Mop Head Sterile	41 x 15cm	4 mops x 10 bags
TASK0300	QuickTask Looped Polyester Microfibre Mop Head	41 x 15cm	10 mops x 4 bags
TASK0400	QuickTask 100% Looped Polyester Mop Head	41 x 15cm	10 mops x 5 bags

## Contec Mop Wipe Systems (Page 8)

Mop Head Frame		Size	Case Size
2651A	QuickConnect Mop Head Frame For Regular VertiKlean MAX Mop Heads	19cm	Each
2652A	QuickConnect Mop Head Frame For Medium VertiKlean MAX Mop Heads	29cm	Each
2751	QuickKlean Mop Wipe Frame	40cm	Each

## Contec Mop Wipe Systems (Page 8)

Mop Wipes for Regular VertiKlean MAX Mop Heads		Size	Case Size Mops per bag x bags per case
PSPS0091	PROSAT 100% Knitted Laser Cut Polyester Wipe 70% IPA Sterile	300 x 300mm	20 wipes x 5 inner bags x 4 outer bags
AMDE0002	Amplitude Delta 100% Nonwoven Polyester Wipe	300 x 300mm	150 wipes x 16 bags
AMHX0004	Amplitude Helix Meltblown Polypropylene Wipe	300 x 300mm	100 wipes x 18 bags
C2-1212IR	SterileSorb Hydroentangled Polyester/Cellulose Wipe Sterile	300 x 300mm	25 wipes x 6 inner bags x 7 outer bags
LWPS0007	Polynit Heatseal 100% Knitted Laser Cut Polyester Wipe Sterile	300 x 300mm	25 wipes x 4 inner bags x 10 outer bags
VK-SOX	Regular VertiKlean Sox Mop Head Cover 100% Polyester	21 x 11 cm	4 mops x 8 bags

Mop Wipes for Medium VertiKlean MAX Mop Heads			
MVK-QT-SOX	Medium VertiKlean Sox Mop Head Cover 100% Polyester	32 x 11cm	10 mops x 12 bags

Mop Wipes for QuickKlean Mop Wipe Frame			
NWCP0100	Amplitude Sigma Hydroentangled Polyester/Cellulose Wipe	420 x 250mm	50 wipes x 20 bags
LWQT0100	Quiltec I 100% 2-ply Quilted Laser Cut Polyester Wipe	420 x 250mm	20 wipes x 12 bags
NWZE0100	Amplitude Zeta Thermally Bonded Cellulose/ Polypropylene Quilted Wipe	420 x 250mm	50 wipes x 10 bags

## VertiKlean Wall Mops (Page 10)

Mop Head Frame		Size	Case Size
2651A	QuickConnect Mop Head Frame For Regular VertiKlean Mop Heads	19cm	Each
2652A	QuickConnect Mop Head Frame For Medium VertiKlean Mop Heads	29cm	Each
2653A	QuickConnect Mop Head Frame For Large VertiKlean Mop Heads	36cm	Each

Mop Heads			
VK-MOP	Regular VertiKlean Mop Head	21 x 11 x 3cm	4 mops x 12 bags
VK-MOPIR	Regular VertiKlean Mop Head Sterile	21 x 11 x 3cm	1 mop x 48 bags
TVK-MOP	Regular VertiKlean Mop Head – Textured	21 x 11 x 3cm	4 mops x 12 bags
TVK-MOPIR	Regular VertiKlean Mop Head Sterile – Textured	21 x 11 x 3cm	1 mop x 48 bags
MVK-MOP	Medium VertiKlean Mop Head	32 x 11 x 3cm	4 mops x 8 bags
MVK-MOPIR	Medium VertiKlean Mop Head Sterile	32 x 11 x 3cm	1 mop x 32 bags
TMVK-MOP	Medium VertiKlean Mop Head – Textured	32 x 11 x 3cm	4 mops x 8 bags
TMVK-MOPIR	Medium VertiKlean Mop Head Sterile – Textured	32 x 11 x 3cm	1 mop x 32 bags
LVK-MOP	Large VertiKlean Mop Head	38 x 11 x 3cm	4 mops x 8 bags
LVK-MOPIR	Large VertiKlean Mop Head Sterile	38 x 11 x 3cm	1 mop x 32 bags
TLVK-MOP	Large VertiKlean Mop Head – Textured	38 x 11 x 3cm	4 mops x 8 bags
TLVK-MOPIR	Large VertiKlean Mop Head Sterile – Textured	38 x 11 x 3cm	1 mop x 32 bags

Polyester Covers - VertiKlean Sox			
VK-SOX	Regular VertiKlean Sox Mop Head Cover 100% Polyester	21 x 11cm	4 mops x 8 bags
MVK-QT-SOX	Medium VertiKlean Sox Mop Head Cover 100% Polyester	32 x 11cm	10 mops x 12 bags
LVK-SOX	Large VertiKlean Sox Mop Head Cover 100% Polyester	38 x 11cm	4 mops x 8 bags



## EasyCurve Wall and Floor Mop (Page 11)

Mop Head Frame		Size	Case Size Mops per bag x bags per case
2724	EasyCurve Mop Head Frame	36 x 11cm	Each

Mop Heads			
EZMP0100	EasyCurve Disposable Mop Head	36 x 11 x 2cm	4 mops x 12 bags
EZMP0150	EasyCurve Disposable Mop Head Sterile	36 x 11 x 2cm	1 mop x 48 bags

## EasyReach Isolator and Mini-Environment Cleaning Tool (Page 12)

Mop Head Frame		Size	Case Size
2685	EasyReach Mop Head Frame	19 x 6cm	Each
2686	QuickConnect Handle Stainless Steel one piece	40cm	Each

Mop Heads			
MEQT0001	EasyReach 100% Knitted Polyester Cleaning Pads	19 x 7cm	4 heads x 15 bags
MEQT0002	EasyReach 100% Knitted Polyester Cleaning Pads Sterile	19 x 7cm	4 heads x 15 bags
PSME0001	EasyReach 100% Knitted Polyester Cleaning Pads presaturated with 70% IPA Sterile	19 x 7cm	8 heads x 8 pouches
PSME0003	EasyReach 100% Knitted Polyester Cleaning Pads presaturated with 70% Denatured Ethanol	19 x 7cm	8 heads x 8 pouches

## Edgeless Floor Mops (Page 14)

Mop Head Frame		Size	Case Size
2646	Edgeless Mop Head Frame	15 x 18cm	Each

Mop Heads			
EL-MOP	Edgeless Mop Head	Standard	1 mop x 20 bags
EL-MOPIR	Edgeless Mop Head Sterile	Standard	1 mop x 20 bags
ELMOP3	Textured Edgeless Mop Head	Standard	1 mop x 30 bags
ELMOP3IR	Textured Edgeless Mop Head Sterile	Standard	1 mop x 30 bags
EL-MOPT	Textured Edgeless Mop Head White Tail Band	Long	1 mop x 20 bags
ELTC-GRN	Textured Edgeless Mop Head Green Tail Band	Long	1 mop x 10 bags
ELTC-BLK	Textured Edgeless Mop Head Black Tail Band	Long	1 mop x 10 bags
ELTC-RED	Textured Edgeless Mop Head Red Tail Band	Long	1 mop x 10 bags
ELTC-BLU	Textured Edgeless Mop Head Blue Tail Band	Long	1 mop x 10 bags
EL-MOPT-GY	Textured Edgeless Mop Head Grey Mop	Long	1 mop x 10 bags

## Tax-Fre Dry Mop (Page 15)

Mop Head Frame		Size	Case Size Mops per bag x bags per case
UF211	Tax-Fre Mop Head Not suitable for use with the QuickConnect Mop Handles	58 x 13cm	Each
WWP08	Aluminium Extension Handle	240cm	Each

Mop Wipes			
TF-1228	Tax-Fre Mop Wipe	71 x 31cm	50 mops x 4 bags

## EasySat Bucketless Floor Mop (Page 15)

Mop Head Frame		Size	Case Size
BLMOPE	EasySat Bucketless Floor Mop System		Each

Mop Heads			
BLVKMOP	EasySat Mop Head	55 x 46 x 12cm	4 mops x 8 bags
BLVKMOPIR	EasySat Mop Head Sterile	55 x 46 x 12cm	1 mop x 28 bags
TBLVKMOP	Textured EasySat Mop Head	55 x 46 x 12cm	4 mops x 8 bags
TBLVKMOPIR	Textured EasySat Mop Head Sterile	55 x 46 x 12cm	1 mop x 28 bags

## QuickConnect Handles (Page 16)

QuickConnect Handles		Size	Case Size
2642	QuickConnect Telescopic Handle Anodised Aluminium	40 – 75cm	Each
2643	QuickConnect Telescopic Handle Anodised Aluminium	130 - 230cm	Each
2644	QuickConnect Telescopic Handle Stainless Steel	40 – 75cm	Each
2645	QuickConnect Telescopic Handle Stainless Steel	130 – 230cm	Each
2686	QuickConnect Handle Stainless Steel one piece	40cm	Each
2725E	QuickConnect Handle Stainless Steel one piece	150cm	Each
2746	QuickConnect Telescopic Handle Fibreglass	170 – 330cm	Each

## Modular Bucket System (Page 18)

Basic System		Size	Case Size
2757	Stainless Steel Trolley with 2 x 20L buckets (red and grey), connecting kit and castors		Each

Wringers			
2710	Stainless Steel Downpress Wringer for Edgeless Mops		Each
2756	Stainless Steel Flat Mop Wringer for VertiKlean, VertiKlean MAX, QuickTask		Each
2759	Slinger Wringer for EasyCurve and VertiKlean MAX		Each

Accessories			
UKBT0004	20L Polypropylene Bucket Grey		Each
UKBT0005	20L Polypropylene Bucket Red		Each
UKBT0006	20L Polypropylene Bucket Blue		Each
2729	Stainless Steel Connecting Kit		Each
2763	Stainless Holder and Lid		Each
2727	Slinger Insert (Replacement mesh for 2759)		Each

## Multiple Bucket Systems (Page 20)

Divided Bucket System		Size	Case Size Mops per bag x bags per case
2743	Divided Bucket (20L) with Slinger Wringer and 4 castors For EasyCurve and VertiKlean MAX		Each

Accessories			
2747	Slinger Insert (Replacement mesh for 2743)		Each

Edgeless Mop Double Bucket System			
2720EU	Polypropylene Trolley with 2 x 25L buckets (one red, one blue) with castors		Each

Accessories			
8107A	Replacement 25L Bucket Blue		Each
8107B	Replacement 25L Bucket Red		Each

Stainless Steel Multiple Bucket System			
2700	Stainless Steel Trolley with 2 x 20L buckets, wringer, connecting kit and castors		Each

Accessories			
2710	Stainless Steel Downpress Wringer For Edgeless Mops (replacement part)		Each
2617	Stainless Steel 20L Bucket		Each
2763	Stainless Steel Holder and Lid		Each

## Critical Environments Mop Guide

			Options available		Areas of use						
Brand Name	Style	Composition	Presat (head or cover)	Sterile	Residue Removal	Disinfectant Application	Wet Cleaning	Dry Cleaning	Floors	Walls & Ceilings	RABS & Isolators
Edgeless	Tubular Loop	100% knitted polyester	No	Yes	Excellent	Excellent	Excellent	Poor	Yes	No	No
VertiKlean	Sponge	Ester foam laminated to polyester fabric	Yes	Yes	Good (textured)	Excellent	Good	Fair	No	Yes	No
VertiKlean MAX	Sponge	P U foam laminated to polyester fabric	Yes	Yes	Fair	Excellent	Good	Fair	Yes	Yes	Yes
EasyReach	Flat mop	2-ply 100% knitted polyester	Yes	Yes	Fair	Excellent	Good	Fair	No	No	Yes
QuickTask 0200	Flat mop	100% knitted polyester	No	Yes	Fair	Excellent	Good	Fair	Yes	Yes	No
QuickTask 0300	Flat mop	Microfibre	No	No	Good	Good	Good	Good	Yes	No	No
QuickTask 0400	Flat mop	Microfibre	No	No	Good	Good	Good	Good	Yes	No	No
QuickTask 0500	Flat mop	Polyester/Cellulose blend	No	Yes	Good	Good	Good	Good	Yes	Yes	No
EasyCurve	Sponge	P U foam laminated to polyester fabric	No	Yes	Fair	Excellent	Good	Fair	Yes	Yes	No
EasySat	Sponge	Ester foam laminated to polyester fabric	No	Yes	Fair	Excellent	Good	N/A	Yes	No	No
Tax-Fre	Wipe	Low-tack treated non-woven polyester	No	No	N/A	N/A	N/A	Excellent	Yes	Yes	No

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