



BIOPHARMA  
& BIOTECH

*Excellence in cleaning since 1984*

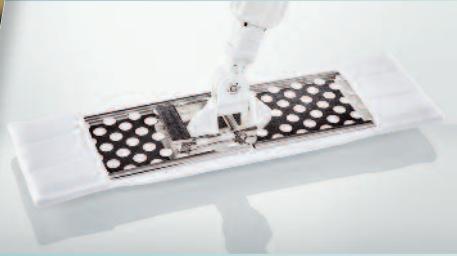
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# Multi-Surface Cleaning

*Surface disinfection is a primary focus in mopping production and aseptic areas. Micronova offers mops in a range of fabrics and styles that will effectively remove surface particles and residues while distributing sufficient disinfectant to achieve contact times.*

## High Absorbency, Low Particulating, Economical Mops



**SlideMop™** Flat Head Mop  
Frame and Cover is a simple mop system featuring sturdy, collapsible plates that easily slide into the SlideMop™ quilted polyester cover.

**SnapMop™** Covers are a lightweight, snap-on mop cover with urethane foam interior, designed for effective cleaning and sanitizing. Shown with the highly absorbent microfiber cleaning pad. Snaps help to secure use with the LyoTool™ and Tank Tool™.



**NovaSnap™** Mop with snap on and release clip action produces a simple low touch lightweight system for everyday mopping in clean production and lab spaces. Ideal for smaller spaces.



**MicroDenier NovaKnit™ Mop**  
Finely ribbed microdenier tubular knit mop. Excellent absorbency with low linting properties. Launderable, Re-usable.



**J-Zone™ MegaSorb™**  
Absorbent, tufted microfiber tubular looped mop for fine dry, damp or wet mopping.

See Our  
Mini  
Catalog



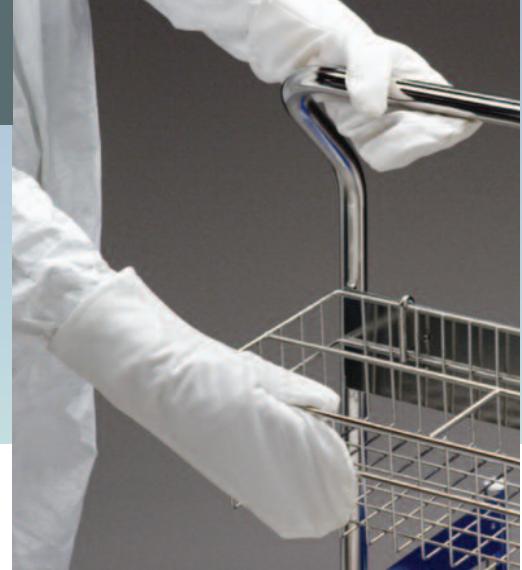
# Small Spaces

Specialty tools meet the challenges of cleaning restricted spaces, such as isolators, bio safety cabinets and pass through chambers.

Lightweight and ergonomic, these devices and unique material blends can tackle narrow and uneven surfaces, in, around and under equipment.



**Isolator Tool™** designed for isolators and containment hoods with a swivel, allows for easier cleaning in small spaces. The choice of handles supports cleaning in larger isolators and pass throughs.



The **PolyMitt™** cleaning Mitt Wipes present the versatility of a premium wipe in a convenient mitt format. Cleaning shelves, carts, tanks, furniture and equipment is made simpler with this generous "one size fits all" option.



**FlatMop™** Covers with SlimLine™ Plastic Mop Adapter are ideal when more surface area coverage is needed and a standard mop head is too long for your cleaning application. This mop combination features a slip on style mop and adapter with 360° swivel.



# Bags and Liners

*Micronova Bags and Liners, often gamma irradiated, can be used for a variety of containment functions in production, sample collection, and aseptic areas. Material transfer and disinfectant containment typically falls to the BucketLiner™ group with the impermeable LDPE/ Nylon Laminate construction. Hazardous and production material disposal, and garment collection are most common for the BinLiners and Biohazard Bags, made from FDA compliant LDPE resin.*



**BucketLiners™** These impermeable liners are designed for liquid containment and will hold liquids going through the autoclave. The LDPE laminate construction also makes these bags superior for material transport. Liners come in either a horizontal orientation that works well in standard buckets, or a square or vertical orientation for small canisters or square buckets.



**See Our  
Mini  
Catalog** ▶



**Biohazard Bags** Irradiated Biohazard bags are ideal for aseptic suites in cell therapy and related disciplines. Both the yellow and red bags are made from FDA compliant LDPE and available in 2 to 4-mil thicknesses. Each bag displays a large biohazard symbol and warning message. Available flat packed or on a plastic core roll, the bags range from 60 to 210 liter.



◀ **BinLiner Stand** pictured with BinLiner. See our Liner catalog for options



**BinLiners** These durable liners are sized to meet the disposal needs of biopharma production. The LDPE liners are available flat packed or on plastic core rolls for the cleanroom, in a range of sizes from 10 to 210 liter and thickness from 1 to 6 mil.

**Bag Cutters** Automatically retractable safety blade guard and ergonomic handle are available gamma irradiated. Excellent for opening raw material packages. Both the original style with fold back cover and the newer yellow hook style cutter are disposable with no blade changes required.



See Our  
Mini  
Catalog



# Pens, Markers, and Tapes for Critical Processes

Cleanroom pens and tapes minimize contamination brought into critical labs and production spaces. Good documentation is supported with Micronova's indelible ink pens for paper records, IPA resistant lab markers, and gamma irradiated permanent markers.

Cleanroom tapes with plastic core tapes for autoclave, color coding and sealing in wet, warm, or cold temperatures along with safety tapes are detailed in the tape mini catalog.

See Our  
Mini  
Catalog

## Sharpie® Markers

The industry standard, pen style permanent marker. Available in original "capped," ultra fine, and retractable styles.



## Cleanroom Pens

feature an indelible ink low in sodium and a special high-density poly barrel to limit particle generation.



Available gamma irradiated in stick or clickstyles, Black, Blue and Red.

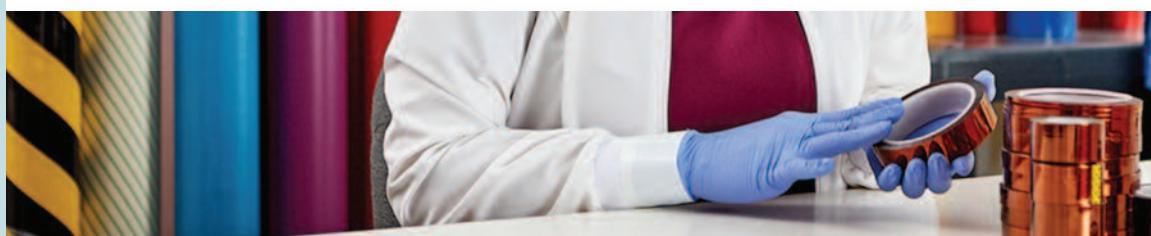
## Smear Proof Marker

A permanent marker that gives the thinnest permanent line at 0.3 mm. The long nib and quick dry ink works well with lab samples as well as paper.



## IPA Resistant Lab Markers and Gel Pens

Fine point black markers or black or blue click gel pens are available gamma irradiated.



## Polyethylene Tape

**Tape** is latex-free, with low extractables and acrylic clean peel adhesive. Medium tack standard and low tack for glove sealing. Available gamma irradiated.



**Vinyl Tape** is a medium tack adhesive, ensures a clean peel from plastics, glass, and cleanroom work surfaces. With a range of colors and matte finish the tape is ideal for marking.



## Lead-Free Autoclave Indicator Tape

Environmentally friendly lead-free autoclave indicating tape wound on plastic core. RoHS compliant.



# Detail Cleaning

## for Equipment, Soft Walls & Curtains

Cleaning challenges are minimized by using tools that are designed for the equipment with materials that match abrasion needs without scratching critical parts or equipment.



Concave tank sides and bottoms, overhead piping, and vessel interiors can be as easy to clean as a flat wall.

**SilSat™ Wipes** clean and lubricate gaskets and seals in isolators, incubators, refrigerators and safety cabinets, with a blend of silicone and IPA.



**TankTool™**  
Conforms to tank contours



**Cove N Curve™**  
Maleable to match wall coving or piping curves

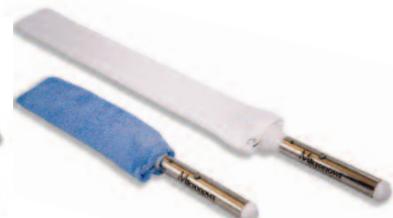


**FlexBrush™**  
Flexes to clean ducting or piping exteriors

Dual cleaning surfaces for Lyophilizer shelves, narrow spaces, and strip curtains cut cleaning time in half.



**LyoTool™**  
Sized to meet shelf width



**MegaSwat™**  
Blade mop for narrow spaces in, around, and under equipment

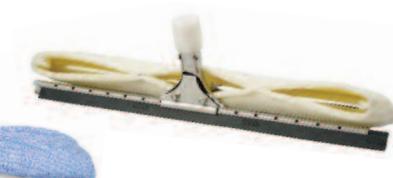


**Econo Curtain Cleaner™**  
Slides down both sides of strip curtains simultaneously

Clean and reduce residual liquids on soft walls, windows, ceilings and floors.



**T-Mop™**  
Rounded mop slides down surfaces



**Window Washer™**  
Simple and efficient T-Mop, Squeegee Combo Tool



**Squeegees**  
Durable construction for wet areas

# Mopping Companions

Highly filtered detergents, sponges, wipes and brushes designed for the cleanroom fill the need for effective residue removal on floors, parts, and in sampling areas. Micronova's Modular bucket systems improve are lightweight and ergonomic space savers.

Micronova's **BucketBinder™ Multi Bucket System** and **MegaWringer™** down press wringer, are key elements in Micronova's Modular Cart Group.

The **M-Zone® Storage Cart** reduces the footprint of the double bucket systems by half for storage.



①  
**MegaWringer™**  
Downpress wringer

②  
**BucketBinder™**  
Double bucket system

③  
**Bucket Liners™**  
LDPE/Nylon  
lamine barrier

**PolyMesh™** sponges and covers can be used to remove residues in sampling hoods, weight stations, and small vessels.



Fine **Wire and Plastic Brushes** with stainless steel or polypropylene cores safely clean parts with small diameters and flex through piping.



Micronova mops and sponges are complemented by the **NovaClean®** range of detergents which effectively emulsify and remove particles and residues during the wetting and wiping process. The non-toxic formulation is filtered to 0.1 micron and is NSF rated.

Available as a concentrate or in ready to use **Lab & Glass Cleaner™**, the fast drying **Novahol®**, with added IPA, or **M-Zone® Screen Wipes**, presaturated with a blend of NovaClean and IPA.



**M-Zone® ScreenWipes**  
Clean and dry delicate screens, tablets and equipment with this combo pack of wet and dry wipes.

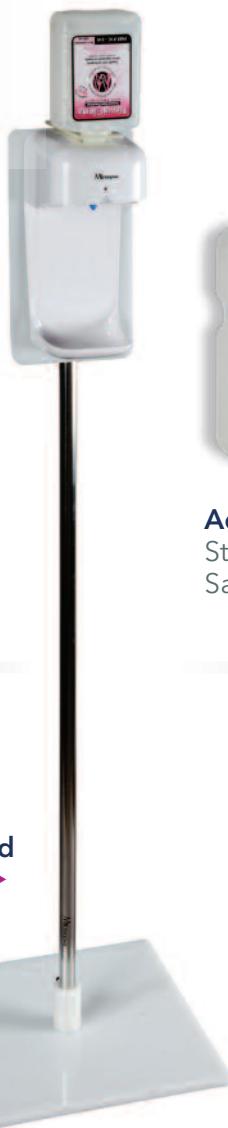


# Hand Hygiene

## Touch Free Sanitation



The act of removing viruses, bacteria or other unwanted substances from your hands is simple with Micronova's soaps and sanitizers.



**Touch Free MicroDispenser™**

Dispenser and Floor Stand ►

**AquaHol™**  
Sterile Alcohol Sanitizer

**NovaClenz®**  
Ethanol Gel Hand Sanitizer

**HyGClenz™**  
Antiseptic hand soap with persistent activity



### About Face™ Cleansing Wipes

pre-moistened cleansing wipes, gentle enough for the face, can be used as a pre-cleaning wipe to remove surface soil prior to gloving or sanitizing hands. Removes makeup with a moisturizing alcohol-free lotion on a biodegradable wipe.

**Find more details in product Mini Catalogs**

#### Cleanroom Pens and Markers



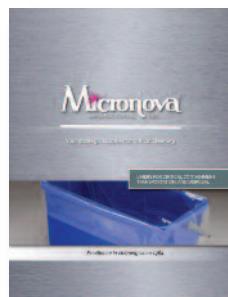
#### Cleanroom Tapes



#### Mopping Systems



#### Liners for Critical Containment



#### Buckets, Carts, and Wringers



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