MAN & MACHINE

Keyboards, mice and protective covers for the medical environment
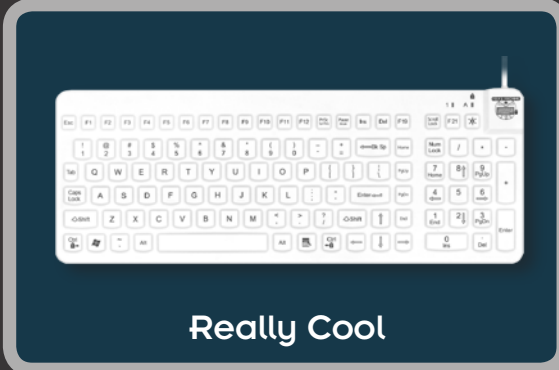
Really Cool

Slim Cool
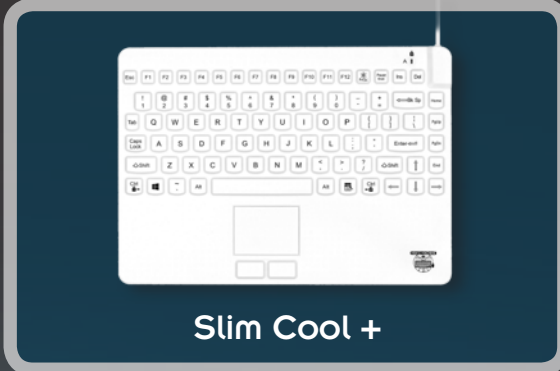
Mighty Mouse

Its Cool

Mouse Mat

Really Cool Touch

Slim Cool +

Petite Mouse

Its Cool Flat

Laptop Drape

C Mouse

Universal Drape

our range of products

1	2	3	4	5	6	7
FULLY SEALED	**DISINFECTABLE**	**EASY TO USE**	**HIGH VISIBILITY**	**LOCKABLE**	**COMPLIANT**	**FREE OF ANTIMICROBIALS**

Man & Machine's medical keyboards may be fully immersed in disinfectant or soap and water. You can safely wipe, spray, rinse or dip the product. The total seal also means no liquids, particles, germs or bacteria can collect and lurk in open cavities, crevices or gaps.

The silicone exterior of our products is resistant to standard hospital approved disinfectants, such as alcohol based surface cleaners. Our unique Silk Touch™ coating prevents key-top wear & fade. Problem-free integration with your existing cleaning routines.

Man & Machine keyboards are widely praised for their unparalleled typing comfort. The superior tactile feedback and highly reliable key response makes our keyboards a pleasure to type on.

The hygienic white exterior of our keyboards allows you to spot infectious splatter instantly, enabling a quick response in case of contamination.

Eliminate the need to log out or disconnect during the cleaning process. Simply lock the keyboard to prevent unintentional data entries. Lock indicators will signal when the keyboard is locked. Protect software settings and patient records. Clean easily at the workstation.

For your safety, our products are in conformity with the essential requirements and other relevant requirements of the EMC, WEEE and RoHS directives. Our products are also in conformity with the MDD standard EN 60601-1:2006 + A1:2013 3rd Edition. Ask us for our certification.

Man & Machine is not alone in questioning the effectiveness of antimicrobial coatings on data input devices and is concerned with their potential risks to our health and the environment. Therefore we refrain from using such coatings, rather emphasizing the need to disinfect regularly.

medical benefits *of our* silicone products ▶

MAN & MACHINE disinfectable products

Really Cool

- Full size keyboard
- Latex-free silicone
- Compliance: IP 68, CE, FCC, EN-IEC 60601-1, WEEE, RoHS
- Colour: Hygienic white or black
- Size: 38 x 14 x 1.5 cm
- Weight: 780 g
- Cable length: approx. 180 cm
- Storage temperature: -20 °C to 70 °C
- Operating temperature: 0 °C to 70 °C
- Power consumption: 26 mA (Max)

- Platform: Windows, Mac and Linux
- Connector: USB (2.0) only
- Layout: includes numeric keypad and 12 function keys
- Made in the United States
- 3 year warranty
- Optional extras available

Add a Fitted Drape

If you need a totally flat surface,
add a wipe-disinfectable and
sterilizable fitted drape.
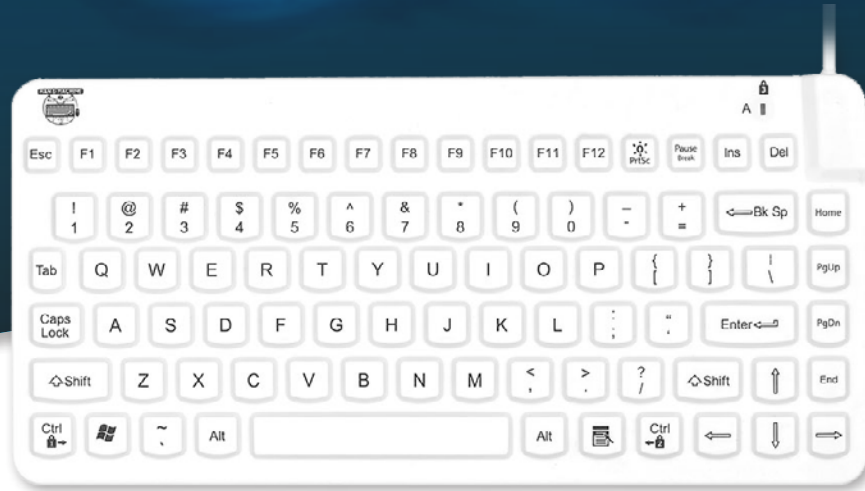
Really Cool Touch

- Full size keyboard with integrated touchpad
- Latex-free silicone
- Compliance: IP 68, CE, FCC, EN-IEC 60601-1, WEEE, RoHS
- Colour: Hygienic white or black
- Size: 38 x 15 x 1.5 cm
- Weight: 840 g
- Cable length: approx. 180 cm
- Storage temperature: -20 °C to 70 °C
- Operating temperature: 0 °C to 70 °C
- Power consumption: 26 mA (Max)
- Platform: Windows, Mac and Linux
- Connector: USB (2.0) only

- Layout: includes numeric keypad and 12 function keys
- Made in the United States
- 3 year warranty
- Optional extras available

Researchers have found that a good way to prevent the transmission of infection is for health care workers to wash their hands and to have computer keyboards disinfected on a regular basis.

Source: Leander, J; Burke, R; Sulis, C; and Carling, PD; Dangerous COWS; An analysis of disinfection cleaning of computer keyboards on wheels, American Journal of Infection Control, 37(6) 778-80, 2009.

FULLY SEALED   **DISINFECTABLE**   **EASY TO USE**   **HIGH VISIBILITY**   **LOCKABLE**   **COMPLIANT**   **FREE OF ANTIMICROBIALS**

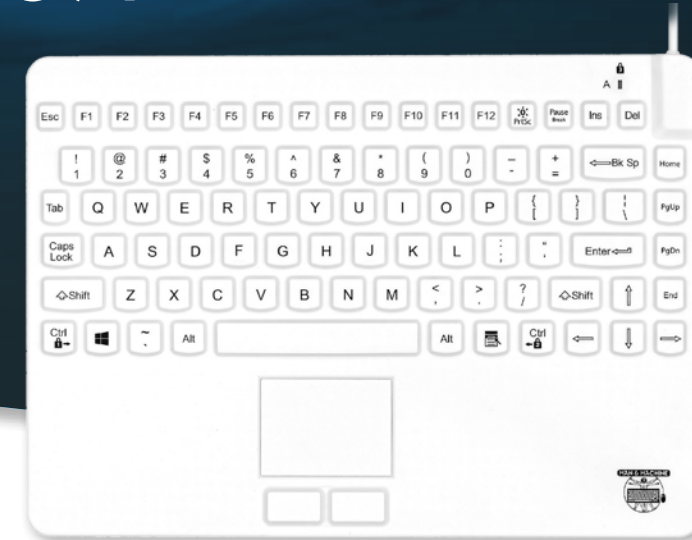## Slim Cool

Slim Cool +

Slim Cool

- Compact keyboard without numeric keypad
- Latex-free silicone
- Compliance: IP 68, CE, FCC, EN-IEC 60601-1, WEEE, RoHS
- Colour: Hygienic white or black
- Size: 30 x 14 x 1.5 cm
- Weight: 600 g
- Cable length: approx. 180 cm
- Storage temperature: -20 °C to 70 °C

- Operating temperature: 0 °C to 70 °C
- Power consumption: 26 mA (Max)
- Platform: Windows, Mac and Linux
- Connector: USB (2.0) only
- Layout: includes 12 function keys
- Made in the United States
- 3 year warranty
- Optional extras available

Slim Cool +

- Laptop layout keyboard
- Latex-free silicone
- Compliance: IP 68, CE, FCC, EN-IEC 60601-1, WEEE, RoHS
- Colour: Hygienic white or black
- Size: 30 x 21 x 1.5 cm
- Weight: 825 g
- Cable length: approx. 180 cm
- Storage temperature: -20 °C to 70 °C
- Operating temperature: 0 °C to 70 °C
- Power consumption: 26 mA (Max)
- Platform: Windows, Mac and Linux
- Connector: USB (2.0) only

- Layout: includes 12 function keys
- Made in the United States
- 3 year warranty
- Optional extras available

Sources of bacterial contamination can include poor hand hygiene and droplets of saliva that inevitably fall on the keyboard during talking, sneezing, and coughing.

Source: American Journal of Infection Control, September 2011: Vol. 39, Issue 11, Pages 617-618

FULLY SEALED   DISINFECTABLE   EASY TO USE   HIGH VISIBILITY   COMPLIANT   FREE OF ANTIMICROBIALS

Mighty Mouse

Petite Mouse

Mouse Mat

- Latex-free silicone
- May be sterilized in an autoclave or thermo disinfector up to 108 ºC
- Ultra-thin. Slip resistant
- Comes in a pack of 5
- Size: 22 x 18 x 0.1 cm

Mighty Mouse

- Optical mouse with 5-button design to scroll and click
- Latex-free silicone
- Compliance: IP 68, CE, FCC, EN-IEC 60601-1, WEEE, RoHS
- Colour: Hygienic white or black
- Size: 12.5 x 6.5 x 3.5 cm
- Weight: 142 g
- Cable length: approx. 180 cm
- Storage temperature: -20 °C to 70 °C

- Operating temperature: 0 °C to 70 °C
- Power consumption: 26 mA (Max)
- Platform: USB, Windows, Linux and Mac
- Connector: USB (2.0) only
- Made in the United States
- 3 year warranty
- Optional extras available

Petite Mouse

- Optical mouse with 5-button design to scroll and click
- Latex-free silicone
- Compliance: IP 68, CE, FCC, EN-IEC 60601-1, WEEE, RoHS
- Colour: Hygienic white or black
- Size: 11 x 6 x 4 cm
- Weight: 143 g
- Cable length: approx. 180 cm
- Storage temperature: -20 °C to 70 °C

- Operating temperature: 0 °C to 70 °C
- Power consumption: 26 mA (Max)
- Platform: USB, Windows, Linux and Mac
- Connector: USB (2.0) only
- Made in the United States
- 3 year warranty
- Optional extras available

Optional extras

Our silicone keyboards can be equipped with the following features:

Backlight
Our backlight lets you type in low light or total darkness. Our multi level backlight feature can be set to the exact brightness desired and the keyboard will remember this setting when you turn it off and on again.

Smart Cable
If you need a different cable length than our standard 180 cm, we can customize to any length from a few cm up to 5 meters.

MagFix
Magnets are sealed inside the silicone to secure your keyboard hygienically to a sloping or fold-up tray.

1	2	3	4	5	6	7
EASY TO DISINFECT	**FITS INTO HYGIENE PROTOCOLS**	**EASY TO USE**	**COMPACT FORMAT**	**SPILL RESISTANT**	**HIGH VISIBILITY**	**FREE OF ANTIMICROBIALS**

Our washable range is developed for quick disinfection between patients. The surface of all products is wipe-disinfectable.

Use standard hospital approved disinfectants and easily integrate our keyboards and mice with your cleaning routines.

Our washable keyboards and mice offer not just the looks, but also the speed and feel of standard office data input products.

The small form factor of our Its Cool products makes them perfectly fit for keyboard trays and carts.

Electronic components are fully sealed, so spilled fluids can be wiped away while keeping hardware operational.

The hygienic white exterior of our keyboards allows you to spot infectious splatter instantly, enabling a quick response in case of contamination.

Man & Machine refrains from using antimicrobial coatings, because of their potential risks to our health and the environment.

medical benefits *of our* washable products ▶

EASY TO DISINFECT   FITS INTO HYGIENE PROTOCOLS   EASY TO USE   COMPACT FORMAT   SPILL RESISTANT   HIGH VISIBILITY   FREE OF ANTIMICROBIALS

Its Cool

- Full size keyboard
- Open style hard plastic
- Compliance: IP 65, CE, WEEE, RoHS
- Colour: Hygienic white
- Size: 34.5 x 11.5 x 2.5 cm
- Weight: 260 g
- Cable length: 150 cm
- Storage temperature: -5° to 55° C
- Operating temp: 0° to 55° C

- Power consumption: 15 mA/5 Volt (Max)
- Platform: Windows and MAC
- Connection: USB
- Layout: 99 keys including 12 function keys
- Made to our specification in China
- Warranty 1 year

It is recommended that dealing with computer hardware the same infection prevention measures should be enforced than those for direct patient contact.

Source: Hartmann B, Benson M, Junger A, Quinzio L, Röhrig R, Fengler B, Färber UW, Wille B, Hempelmann G. Computer keyboard and mouse as a reservoir of pathogens in an intensive care unit. JClin Monit 2004; 18: 7-12

Its Cool Flat

- Compact, totally flat, full keyboard
- Silicone covered washable plastic keyboard
- Replaceable cover
- Compliance: IP 65, CE, WEEE, RoHS
- Colour: Hygienic white
- Size: 34.5 x 11.5 x 2.5 cm
- Weight: 356 g
- Cable length: 150 cm
- Detachable cable for easy disconnect

- Storage temperature: -5° to 55° C
- Operating temp: 0° to 55° C
- Power consumption: 15 mA/5 Volt (Max)
- Platform: Windows and MAC
- Connection: USB
- Layout: 99 keys including 12 function keys
- Made to our specification in China
- Warranty 1 year

Replacement drapes available

EASY TO DISINFECT   **FITS INTO HYGIENE PROTOCOLS**   **EASY TO USE**   **COMPACT FORMAT**   **SPILL RESISTANT**   **HIGH VISIBILITY**   **FREE OF ANTIMICROBIALS**

C Mouse

Mouse Mat

- Latex-free silicone
- May be sterilized in an autoclave or thermo disinfector up to 108 ºC
- Ultra-thin. Slip resistant
- Comes in a pack of 5
- Size: 22 x 18 x 0.1 cm

- 1000 DPI Optical Mouse with scroll wheel and 2 buttons
- Compliance: IP 65, CE, WEEE, RoHS
- Colour: Hygienic white or black
- Size: 10 x 5.7 x 3.6 cm
- Weight: 125 g
- Cable length: 150 cm
- Storage temperature: 0° to 70° C

- Operating temp: 0° to 70° C
- Power consumption: 1 mA/ 5 Volt
- Platform: Windows, Linux and MAC
- Connection: USB
- Made to our specification in China
- 1 year warranty

PROTECTION FOR STANDARD HARDWARE

Universal Drape

Laptop Drape

- Protective covers to use with any keyboard
- Latex-free silicone
- May be sterilized in an autoclave or thermo disinfector up to 108 ºC
- Ultra-thin
- Comes in a pack of 10
- Size: 50 x 28 cm

The use of immersible keyboards should be considered for direct patient care areas.

Source: American Journal of Infection Control, June 2005: Vol. 33, Issue 5, Pages e34-e35

- Protective laptop covers
- Latex-free silicone
- May be sterilized in an autoclave or thermo disinfector up to 108 ºC
- Slip resistant
- Comes in a pack of 3
- Sizes:
  38.5 x 25 cm, 17'' wide
  35 x 22.7 cm, 15'' wide
  25.8 x 19 cm, 10.4'' wide
  Laptop Drape for 14" Lenovo Thinkpad T450

About Man & Machine

Man & Machine has been in business for over 30 years, and has been building keyboards for medical use for over a decade. Computer keyboards and mice do not need to be a repository for pathogens. Benefit from our experience and dedication to infection control at the computer workstation.
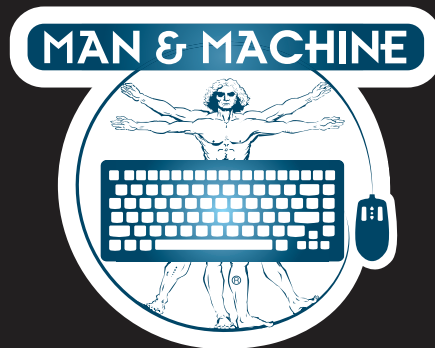
DIREKTRONIK

Direktronik AB info@direktronik.se 08-52400700 www.direktronik.se

The Medical Keyboard that is a pleasure to type on

MAN & MACHINE