HMI Monitor with Keyboard for Cleanroom



BLUE LINE
IT for Demanding Environments

Blue Line A/S | Kappa 8 | 8382 Hinnerup, Denmark
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HMI Monitor with Keyboard for Cleanroom







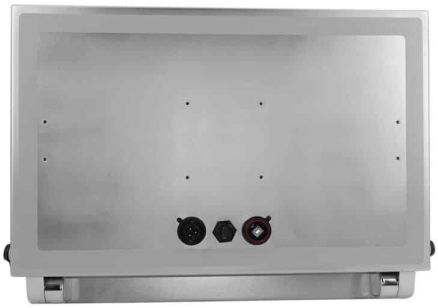


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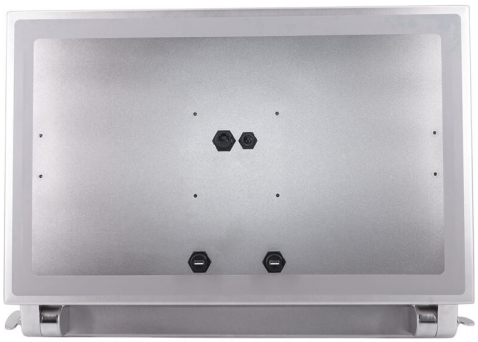




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Highlights

Elegant stainless steel HMI available with either touch or membrane keyboard for cleanroom operation. Very easy to clean and disinfect due to smooth sides, rounded edges and a flat, smooth front. Withstands all known cleaning agents and disinfectants.
Both the display and the keyboard are based on cutting-edge technology that works with gloves. A typical use case would be three layers of gloves, one layer of cotton gloves and two layers of nitrile/latex or silicone gloves. It is also possible to combine with thicker safety gloves. The multi touch display provides auto calibration for seamless

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operation.

If you choose touch keyboard, the sensitivity is adjustable to suit the number of layers of gloves. This unique technology is chosen by most of the leading pharmaceutical manufacturers, because traditional keyboards break down and cannot be cleaned completely thus compromising regulatory requirements.

Blue Line’s HMIs are designed for 24/7 operation, with low power consumption, passive cooling and without moving parts for maximum operational reliability.

Available as monitor or with integrated PC, thin client or KVM. Mounting is possible on wall, machine as well with a large range of supporting arms. Blue Line's modular design makes it possible to configure fully to specific requirements to functionality, finish and environment.

Blue Line’s modular design makes it possible to configure to specific needs in functionality, finish and environment. Get free advice from our experts and let us set up a Teams meeting for an online demo and Q&A. Benefit from our experience and knowledge based on numerous installations in biotech and pharmaceutical sites around the world.

- Developed for pharmaceutical cleanrooms
- Stainless steel AISI 304 or 316L
- Adjustable hinged touch or membrane keyboard
- Easy to clean & disinfect
- Designed for use with selected cleaning agents and disinfectants commonly used in cleanrooms
- Designed for GMP and FDA environments
- 21.5“ and 24" PCAP multi touch display
- Operable with up to 3 layers of cleanroom gloves
- IP65 dust and waterproof
- Full HD resolution 1920 x 1080
- Monitor
- Option for KVM extender
- Fanless operation
- Optional Nymi ready - integrated reader
- Wide range of options: USB, COM and reset
- Flexible mounting VESA / wall / pipe / swivel arm / gas arm

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HMI Monitor with Keyboard for Cleanroom

- Long product life cycle
- Customisation according to your requirements

Specifications

Model Type

HMI stainless steel Monitor with keyboard

Construction

Fully sealed enclosure in stainless steel AISI 304
Optional acid resistant stainless steel AISI 316L

Cooling

Fanless

Ingress Protection

IP65

Environment

Operating temperature	0°C to +50°C

Certification

CE

Display

21.5"	1920 x 1080, 16:9, FHD	LCD
24"	1920 x 1080, 16:9, FHD	LCD

Touch

Projected capacitive multi touch (supports gloves)

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Brightness

300 nits

Viewing Angle

178/178

Keyboard

Touch keyboard

Front Input / Output

Option for:

- USB 2.0 ports
- COM ports
- Reset
- All connectors come with waterproof cap
- Nymi ready - integrated reader

Rear Input / Output

1 x HDMI / optional 1 x VGA

Up to 2 x USB ports

1 x Power input

All connectors come with waterproof cap

Power Supply

+90V to +264V AC-input

Option for +10V to +36V DC-input

Power Consumption

Max 40W

Mounting

VESA 100

Stainless steel supporting arm

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Stainless steel tube mount

Stainless steel desktop stand

Other options available according to requirements

Dimension and Weight

21.5"	H 364 x W 573 x D 323mm	18.2kg
24"	H 458 x W 590 x D 325	

Accessories Optional

Mounting plate for handheld barcode scanner

Stainless steel keyboard shelf

Warranty and After Sales Support

Standard 1 year (option for 3 years)

Ordering Information

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