

21.5" Operator Station for Cleanroom - Monitor



Highlights

All-in-one stainless steel HMI with integrated keyboard for operation in cleanroom. Very easy to clean and disinfect due to smooth sides, rounded edges and a flat, smooth front. Crafted from AISI 316L stainless steel withstanding almost all cleaning agents and disinfectants.



Both the touch screen and touch keyboard support up to three layers of gloves and is auto-calibrated for seamless operation. This technology is chosen by 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 a low power consumption, passive cooling and without moving parts for maximum operational reliability.

Available as monitor or with integrated PC, thin client or KVM. Blue Line's modular design makes it possible to configure fully to specific requirements to function, finish and environment.

- Life Science / GMP / FDA environment
- Stainless steel AISI 316L
- Integrated glass keyboard
- Easy to clean & disinfect
- Withstands tough detergents: iso-propyl alcohol, non-deionized water, VHP, Spor-Klenz™, Klercide, Actisan, LpH®, Vesphene® and more
- Meet all cleanroom, GMP and FDA requirements
- 21.5" PCAP touch display
- Can be operated with up to 3 layers of cleanroom gloves
- IP65 proof
- Monitor
- Full HD resolution 1920 x 1080
- Option for KVM extender
- Option for integration of customers client
- Fanless operation
- Wide range of options: USB, COM, reset and barcode reader
- Flexible mounting wall / pipe / swivel arm
- Long product life cycle
- Customisation according to your requirements



BLUE LINE
IT for Demanding Environments

- has more than 30 years experience
- delivers reliable IT solutions for demanding environments
- builds compact and high performance solutions
- focuses on long duration, 24/7-operation, and ruggedness
- is ISO 9001:2015-certified
- is known for providing the best assistance and services in all phases.

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Specifications

Model Type

Stainless steel console monitor & keyboard

Construction

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

Ingress Protection

IP65

Environment

Operating temperature 0°C to +50°C

Certification

CE
FCC (optional)

Touch

Projected capacitive multi touch (support gloves)

Brightness

250 nits

Viewing Angle

160/160

Keyboard

103 keys
Flat glass capacitive touch surface (support gloves)
Capacitive touchpad
Numeric keypad
DIN 42115 chemical resistance
Various language layouts available

Front Input / Output

Option for: USB 2.0 ports
COM ports
Reset
All connectors come with waterproof cap

Rear Input / Output

1 x HDMI / optional 1 x VGA
1 to 4 x USB 2.0 ports
COM ports optional
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 40Watt

Mounting

Wall / top / pipe
Other options available according to requirements

Dimension and Weight

21.5" H 364 x W 573 x D 323mm 18.2kg

Special Function

Option for internal barcode reader

Warranty and After Sales Support

Standard 1 year (option for 3 years)

