# **HMI Monitor for Cleanroom**







- 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.

# **HMI Monitor for Cleanroom**

# Highlights

Slim, elegant stainless steel HMI for cleanroom. Very easy to clean and disinfect due to smooth sides, rounded edges and a flat, smooth front. Withstands all known cleaning agents and disinfectants.

Cutting-edge touch technology works with gloves improving workflow and productivity. 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 operation.

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. Mounting is possible on walls, machines, control cabinets as well as 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.

- Life Science / GMP / FDA environment
- Stainless steel AISI 304 or 316L
- Easy to clean & disinfect
- Withstands all known detergents: iso-propyl alcohol, non-deionized water, VHP, Spor-Klenz<sup>™</sup>, Klercide, Actisan, LpH®, Vesphene® and more
- Meets all cleanroom, GMP and FDA requirements
- 21.5" and 24" PCAP multi touch display
- Operable with up to 3 layers of cleanroom gloves
- IP65 dust and waterproof
- Monitor
- Full HD resolution 1920 x 1080
- Option for KVM extender
- Fanless operation
- Optional Nymi ready integrated reader
- · Wide range of options: USB, COM and reset
- Flexible mounting for wall, desktop, supporting arms etc
- Long product life cycle
- · Customisation according to your requirements







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# **HMI Monitor for Cleanroom**

# **Specifications**

#### **Model Type**

HMI stainless steel Monitor

#### Construction

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

#### Cooling

**Fanless** 

#### **Ingress Protection**

IP65

#### **Environment**

Operating  $0^{\circ}\text{C}$  to  $+50^{\circ}\text{C}$  temperature

#### Certification

CE / FCC CLASS A

#### **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)

#### **Brightness**

300 nits

#### **Viewing Angle**

178/178

### **Front Input / Output**

Options 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

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 40W

#### **Mounting**

**VESA 100** 

Stainless steel supporting arm Stainless steel tube mount

Stainless steel desktop stand

Other options available according to requirements

## **Dimension and Weight**

21.5" H 358 x W 567 x D 12.3kg

50mm

24" H 406 x W 639 x D 52mm

#### **Accessories Optional**

Stainless steel scanner bracket

Antibacterial mouse

Antibacterial keyboard

Combine with Mobile Operator Station

Other options available according to requirements

### **Warranty and After Sales Support**

Standard 1 year (option for 3 years)

#### **Ordering Information**

1565

