



HAZARDOUS AREA SOLUTIONS

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# WORKSTATIONS ATEX **PC EX** SERIES



STAINLESS  
ANTICORROSIVE



MECHANICAL  
PARTS



DESIGNED ESPECIALLY FOR HIGH RISK AREAS

# Delvalle, wide experience in manufacturing solutions for hazardous area



## WE PUT AT YOUR DISPOSAL

We offer over **45 years** providing hazardous area **solutions** to demanding customers who require very specific characteristics and behaviour according to the sector and their needs.

## WHEREVER YOU GO

We are committed to working closely with our customers, providing them with exceptional service and offering an advanced and **extensive range of hazardous area products** with very competitive prices.

## CONSULTING & ENGINEERING

Atex Delvalle adapts to our clients' needs by offering hazardous-area systems.  
Certified Junction Box Assembly.  
Atex-delvalle are the leading certified assembler of Ex junction boxes. With an extensive stock holding of stainless steel enclosures, our workshops are able to provide unrivalled competence, expertise, quality and service to customer specifications.  
Our customized services, experienced design and drafting 3D support.

## HIGH STANDARD OF QUALITY AND SERVICES

We only use materials provided by companies who offer the very highest quality, suitable and certified products. Our success is due to **top quality** assurance:  
ISO 9001, SGS, UL, TÜV, ISO 14000, Ohsas 18001, ATEX, IECEx.



## CONTACT US

Confidentiality, reliability & quality

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+34 945 601 381

ALSO ONLINE

Please contact our technical sales department.

A team of professionals with high experience and ability to solve all your queries.



**Zones 1, 2, 21 and 22**

# WORKSTATIONS ATEX **PCEX SERIES**

**Designed Especially  
for High Risk Areas**



Example

[➔ FOR MORE INFORMATION CLICK HERE](#)

The ATEX Delvalle workstation is manufactured to be used in hazardous areas zones 1, 2, 21 and 22.

It easily passes even the strictest tests of hitting, overpressure, rusting, thermal effects... we have been able to put it to.

The floor processing conditions can be very adverse.

Industrial monitors can be exposed to high humidity, extreme temperature changes as well as come into contact with chemical products solvents, and pressurised cleaning systems.

For our workstation all these are easily overcome by installing in the operating area only the most essential components and using data cables to establish connections between the secure area and the equipment.

This separation reduces contact between the components and the problematic conditions reducing any chances of error.



# WORKSTATION ATEX **PCEX** SERIES

## TECHNICAL FEATURES

- Intel® Atom processor
- Compact flash: 512MB memory
- 24V DC Voltaje
- Consumption max. 75 W

## ADVANTAGES

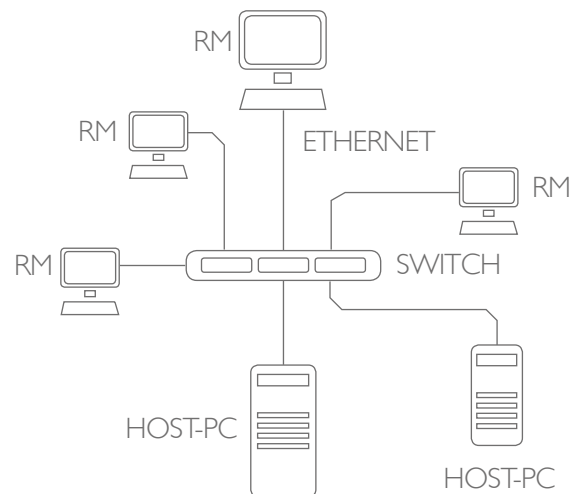
- Designed especially for high risk areas.
- Higher security giving cost savings.
- Long lasting solution thus cost saving over time connecting the conventional equipment (RJ45) in a secure area to the remote control equipment in the ATEX area using the Ethernet standard network server connection without expensive convertibles.
- Less TI infrastructure: Linked to various servers from one sole workstation.
- Compatible with RDP applications: Servicing to Microsoft, Citrix, ICA o VNC RFB.
- Compressed video transmission: Only transferring changes in graphs.
- No need to install software: System can be modernised, the equipment replaced without infrastructure changes
- Low energy consumption: Allows the unit to save energy and not heat up at rest.

## MATERIALS

- AISI304 L and AISI316 L
- Protection IP66 and Type 4X

## MOUNTINGS

The conventional PC is taken out of the secure area, in Zones 1, 2, 21 and 22 the workstation is set up connecting the PC through ethernet and a special box of cable connections CAT 7 with entry RJ45 is placing next to the PC in the secure area. A workstation network can be connected to PC servers.



## REMOTE CONTROL FEATURES

Following our tradition in high manufacturing resistant industrial monitors all models are manufactured using only quality components.

The workstation has certificates recognised worldwide for areas 1, 2, 21 and 22 and areas of type I and II, as well as division 2. Optional touch screen using anti reflective hardened transfective glass.

All the industrial monitors are manufactured under the strictest mechanical and security requirements used in chemical, pharmaceutical and petrochemical industries.

# WORKSTATION ATEX PCEX SERIES

## OPTIONS



1. FLOOR MOUNTING



2. CEILING MOUNTING



3. TABLE MOUNTING



4. WALL MOUNTING

CHOOSE YOUR MOUNTING OPTION AND PERSONALISE  
YOUR WORKSTATION PCEX WITH DIFFERENT ACCESSORIES

### KEYBOARD

- Joystick mouse
- Ball mouse
- Touchpad
- Language (US international, German, French)

### BAR CODE READER

- Interface:
- 1 x Ethernet, 1 x USB (Ex e), 2 x USB (IS)
  - 1 x Ethernet, 1 USB (Ex e), 3 USB (IS), 1 RS232 (Ex e).
  - Only works on special screens

### INTERFACES

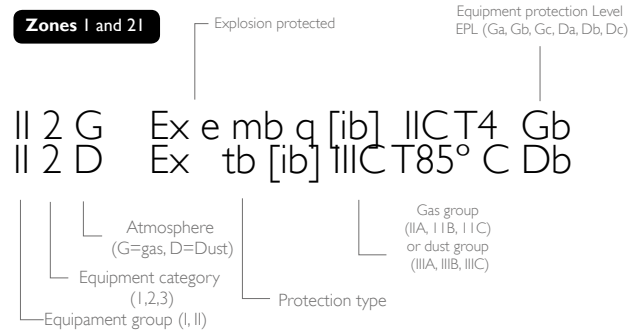
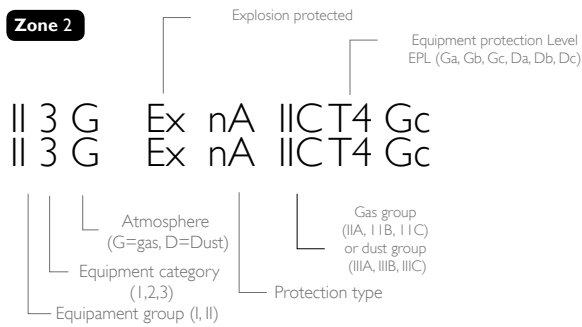
- Zones 2 and 22:
- 2 x 1GB Ethernet y 2 x USB
  - Audio
  - RS232
  - Power
- Zones 1 and 21:
- Keyboard and mouse (Ex i)
  - 1 x Ethernet (Ex e) y 1 x USB (Ex e)

### SCREENS 15", 19" AND 22"

- Antireflective glass
- Type: TFT, LCD
- Resolution: 1280x1024 pixels
- Colours: 24 bits. 16,7 million
- Contrast: 1000:1
- Brightness: 400 nit
- Visual angle: 160° in all directions
- Optional touch screen

# WORKSTATION ATEX **PCEX** SERIES

## CE CERTIFICATE



## NORMS AND CERTIFICATES

- Zones 2 and 22:
  - Certification Ex:
    - II 3G Ex nA IICT4 Gc
    - II 3G Ex nA IICT4 Gc
  - Norme UL:
    - Clase I/ División 2, A – D
    - Clase II División 2, F&G, T4
  - Norme IECEx:
    - II 3G Ex nA IICT4 Gc
    - II 3G nA IICT4 Gc
- Directive 2014/34/UE :
  - EN 60079-15:2010
  - EN 60079-0:2009
  - IECEx 60079-14
  - IECEx 60079-0
- Zones 1 and 2I:
  - Certificate Ex:
    - IECEx y Atex (II 2G, II 2D)
    - Ex e mb q [ib] IICT4 Gb.
    - Ex tb [ib] IIIC T85°C Db.

## REFERENCES

PCEX SERIES • WORKSTATION	
REFERENCES	DESCRIPTION
WS1001T	Keyboard and mouse - Ex 1 for workstation
WS2001T	Keyboard and mouse - Ex 2 for workstation
WS1001T	Screen Ex 1 and 2I IECEx19"
WS2001T	Screen Ex 2 and 22 IECEx19"
WSF001E	Enclosure floor mounting workstation
WSF001E	Enclosure ceiling mounting workstation
WSW001E	Enclosure wall mounting workstation
WST001E	Enclosure table mounting workstation



STAINLESS ANTICORROSIVE



MECHANICAL PARTS

## DELVALLE OFFERS OTHER SOLUTIONS ATEX & IECEx

➔ [CLICK HERE AND DISCOVER ALL SOLUTIONS](#)

### ATEX TERMINAL BOXES TERBOX SERIES



### EX LOCAL CONTROL & DISTRIBUTION BOXES CONTREX SERIES



### PLUG AND SOCKET BOXES CONNEX SERIES



### FLAMEPROOF CONNECTION BOXES EJB SERIES



### EX LIGHTING FIXTURE ATEX



### PRESSURIZED ENCLOSURE EX P PEPPEX SERIES



# DELVALLE OFFERS OTHER SOLUTIONS ATEX & IECEx

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## EX CABLE GLANDS ATEX & IECEx



## MOTOR AND SWITCH MACHINES ATEX & IECEx



## EX PUSH BUTTON STATION CONTREX SERIES



## INDUSTRIAL WORKSTATIONS & HMI'S ATEX



## EX 19" RACK ATEX



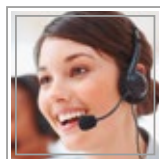
## HAZARDOUS WIRELESS & ANTENNA SYSTEMS ATEX







/ FLEXIBLE ATEX & IECEX SOLUTIONS



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Contact us, we will be available at any time