



GLOBAL EXTECHNOLOGY

IPC-EX

ORTRA command station

Industry-standard visualization of processes in
chemical, pharmaceutical and petrochemical plants

The exclusive PC operator terminal for Zones 1 and 2





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Aesthetic design for complex applications in the hazardous area

An elegant IPC-EX control desk for technically complex plants and processes, ergonomically optimized and designed to industry standard, ATEX-approved.

Type of protection:
 II 2 G EEx qe[ib] IIC T4
 Ex approval:
 IBEXU 01 ATEX 1099



You can find details of our complete IPC-EX family - REX, LETO and AXENA in a choice of several different case variants for panel, wall or floor mounting (with a tiltable, swivel-type base) – either in our separate IPC-EX brochure or on our Web site: www.extec.de.

The advantages

- ▶ ORTRA, the ergonomically optimized, stainless steel slim pedestal case, suitable for pharmaceutical applications and easy to clean (IP 65)
- ▶ Any PC operating system can be used (Windows, UNIX, MS-DOS etc.)
- ▶ Connects to the existing standard keyboard, video and mouse ports on your PC, so that no additional software need be installed
- ▶ PC hardware can be updated or serviced at any time because it is outside the hazardous area
- ▶ Data can be transferred via a two-wire fibre optic cable without any noise whatsoever (EMC), potential-free and over distances of up to 500 m.
- ▶ Potential-free transmission on optical fibres means that no Ex components need be installed in the safe area (simplifies the design and installation of the in the safe area)
- ▶ Low-cost, two-wire 50/125 µm glass fibre cable with SC plug connectors in line with network and fieldbus standards
- ▶ Bright, high-contrast LCD monitors with 15", 18" or 21" screen. The TFT monitors have a very large reading angle and are capable of representing any resolution as a glare-suppressed full frame (DOS, 640 x 480 to 1600 x 1200 pixels)
- ▶ Membrane keyboard with short-travel keys in various national layouts and PS/2 mouse. Alternatively available with a touchpad or a 50 mm trackball
- ▶ Compact SK-KVM line driver as a PC interface in the safe area
- ▶ Second keyboard, monitor and mouse can be connected to the line driver in the safe area
- ▶ Several Ex systems can be connected to a single PC (cascading)
- ▶ Variants for 100 - 240 V AC or 24 V DC power supply
- ▶ Optional touchscreen in the hazardous area
- ▶ Optional Exi barcode reader, Ex identification system
- ▶ Optional switch for selecting operator terminals
- ▶ Optional video camera input

