

Ex Professional Panels for PC monitors and TVs

Overview and Key Features

- Ex m, Ex p and Ex i certification to IEC60079-18, IEC60079-2 and IEC60079-11.
- Manufactured from 2mm or 3mm gauge 316L stainless steel (orbital, bead-blast or electro-polished finishes).
- Dimensions: 6 standard sizes or purpose built to customer's design.
- Temperature class: T4 (135°C). Ambient temperature: -10°C to +35°C.



Following previous designs for monitor and TV displays, such as those installed at the 2012 London Olympic Park, CE-TEK were contracted to design and manufacture a 70" display unit to be installed in a Zone 1 hazardous environment to EN60079-0. The brief included a seamless welded design with a maximum viewing panel, satin finish, internal swing mounting plate, top mounted internal hinged lid with gas support struts, optically clear non-reflective screen and pole mounting kit.

This project has been successfully completed and CE-TEK is now able to supply similar units to enclose 40" to 70" displays for Zones 1 and 2 applications.



Product Code	Orientation	Panel Size	ATEX Zones
CEX1309035PL	Landscape	40/42"	1 and 2
CEX 15010035PL	Landscape	50"	1 and 2
CEX20014035PL	Landscape	70"	1 and 2
CEX1309035PP	Portrait	40/42"	1 and 2
CEX15010035PP	Portrait	50"	1 and 2
CEX20014035PP	Portrait	70"	1 and 2

CE-TEK can also offer custom designs for TV, display and computer monitor enclosures to client specifications. Material options include: 316 stainless steel in orbital, bead-blast or electro-polished finishes. Other options and accessories include: toughened glass and non-reflective glass, lifting eyes, cable bosses, mounting lugs/brackets and various designs for wall/pole mounting or floor standing plinths. Interface options include Ex e/d/i cable glands, Ex i USB ports for communication and memory devices.

Our expertise builds on over 30 years in the design and manufacture of hazardous area certified enclosures for the Oil and Gas industry.