


Hazardous Area Enclosure EX-D3

Benefits:

- EExD Zone 1 Protection
-  II 2G Ex d IIB + H2 T5 Gb
- Suitable for all Kemtrak 007 series instruments
- Complete control of instrument

The Kemtrak EX-D3 hazardous area enclosure allows the installation of Kemtrak 007 series process analyzers in potentially explosive atmospheres.

The primary function of the Ex d enclosure is to separate any potential source of ignition from the surrounding atmosphere while protecting internal components from humidity, dirt, dust or water intrusion.

The analyzer display and status LED's are viewed through the built in window. Four certified external push-buttons allow complete operation of the instrument without the need to open the enclosure.

All Kemtrak products use fiber optics to transmit ultra-low power cold light generated from a high performance LED light source within the instrument to an in line sensor assembly where the measurement takes place. With no on-board electronics, fiber optic connected in line sensors



are ideally suited for use in explosive environments, and with no moving parts, essentially maintenance free.

All Hazardous Area Enclosures are delivered with Kemtrak 007 series analyzer pre-installed.

Specifications

Certification

-  II 2G Ex d IIB+H2 T5 Gb IP66 -20°C ≤ Ta ≤ +55°C
-  II 2D Ex tb IIIC T100°C Db IP66 IECEx

Operating Temperature

0°C to +50°C (+32°F to +122°F)

Dimensions

500 (h) x 375 (w) x 236 (d)

Weight

39kg

Body & Cover

Aluminum alloy EN AB 43200 with less than 0.3% copper content.
Vertical mounted

Paint

External textured grey RAL 7037 epoxy paint
Internal orange anti-condensation RAL 2004

Cover bolts

18 ea Stainless steel (A4-70) AISI316

In bottom side

- 9 ea M20
- 8 ea Cable gland blank PAD/1BKM
- 1 ea Breather/Drain

In cover

- 1 ea Window, 150 (w) x 75 (h) mm
- 4 ea Push buttons including labels
- 2 ea EExd certification plate
- 1 ea Kemtrak tag plate

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Distributor

Kemtrak is a leading manufacturer of fiber optic measuring and automation products for the process engineering industry. Kemtrak provides tailor made solutions to meet the needs of a wide range of industries including chemical, petrochemical & offshore, biotech, pharmaceutical, food & beverage, pulp and paper and water & environment. Kemtrak has trained representatives and support personnel globally and is certified according to ISO 9001:2015.