

Hazardous Area Enclosure UL

Benefits:

- UL Class I Division I & II Gas Groups B,C,D
- UL Class II Groups E,F,G and Class III
- Suitable for all Kemtrak 007 series instruments
- Complete control of instrument
- Optional enclosure heater

The Kemtrak 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

UL Class I Division I & II Gas Groups B,C,D
UL Class II Groups E,F,G and Class III
NEMA

Operating Temperature

0°C to +50°C (+32°F to +122°F)

Dimensions (external)

16.25" (h) x 16.25" (w) x 11" (d) - without heater
16.25" (h) x 28.25" (w) x 9.25" (d) - with optional heater

Weight

90 lbs - including instrument without heater
145 lbs - including instrument and optional heater

Body & Cover

Die-cast aluminum enclosure

Cover bolts

20 ea Stainless steel

In bottom side

2 ea ¾" NPT for power and IO
1 ea ½" NPT for fiber optic cables

In cover

1 ea Viewing Window, 4" diameter
4 ea Certified Pushbuttons

Option

1 ea Enclosure Heater

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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.



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