

# 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 use of a Kemtrak 007 series process analyzer 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 pushbuttons allow complete operation of the instrument without the need to open the enclosure.

All Kemtrak products use fiber optics and maintenance free measurement cells with no electronics or moving



parts to perform the measurement. Fiber optics are ideally suited for use in explosive environments as they only allow transmission of ultra-low power cold light supplied from a high performance LED light source within the instrument.

For more information, please contact a Kemtrak sales representative.

## Specifications

### Certification

UL Class I Division I & II Gas Groups B,C,D  
UL Class II Groups E,F,G and Class III  
NEMA 479  
(Including instrument)

### 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 3/4" NPT for power and IO

1 ea 1/2" 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.*