

# PyroSentry®

## Safe chemical handling and automatic fire suppression

### Protect your team and your bottom line with PyroSentry®

PyroSentry® is an automated fire detection and fire suppression system designed for flammable liquid bunds and storage areas. It's ideal for safely storing and handling dangerous chemicals, including methanol (MeOH), on supply vessels and offshore installations during well testing and intervention operations.

It requires no power, offers perpetual detection and, in the event of a fire, instantly deploys foam from extinguishers once the Fire Detection Tubing® (FDT) lining the container has been ruptured.

**PyroSentry® is a regulation-compliant solution which improves worker safety, prevents catastrophic incidents and mitigates insurance liabilities.**

#### Weight and dimensions

<b>Dry</b>	<b>Metric</b> - 2.750 m L x 2.500 m W x 1.170 m H , 1900 kg <b>Imperial</b> - 9 ft L x 8 ft 2 in W x 3 ft 10 in H , 4,190 lbs
<b>Wet</b>	<b>Metric</b> - 2.750 m L x 2.500 m W x 2.600 m H , 6800 kg <b>Imperial</b> - 9 ft L x 8 ft 2 in W x 8 ft 6 in H , 14,990lbs

\*wet height and weight dependent on chosen methanol tank. Listed data is based on 25-barrel (1000 gallon) tank storing methanol.

#### Features

Bund capacity, sized to fit 1x MeOH tank (maximum size 2000 mm x 2000 mm, 5550 L / 78 in x 78 in, 1466 US gallons)
PyroSentry® detection and instant fire suppression capability
2x 9kg / 20 lbs AR-AFFF foam fire extinguishers
Commissioning kit and fittings including spare extinguishers
2x 4 in NPT-controlled drain ports
Anti-tamper device and gauges for real-time system live visibility
DNV 2.7-1-rated container and lifting, compliant with global acceptance standards

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### Optional extras

Accessory	Benefit
Remote control station with manual activation and audiovisual alarm	Alarm electrical supply: 110-230 VAC, 50/60Hz, 5A (Zone 2 rated)
Thermal imaging camera	Recommended to safely check whether a MeOH fire is present (MeOH invisible to naked eye)
Foam trolley with 22-minute fire fighting capacity	Supplied with 150 litres / 40 gallons of AR-AFFF foam
MeOH-rated hoses (4 in ID x 5 m / 16 ft length, Fig 200)	Allows MeOH to be transported from bund to drain point or containment area, in the event of tank failure
Sacrificial deck securing brackets	Prevent damage during transport, loading or chemical handling



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*PyroSentry+ is also available with bund capacity for up to four 2500 L / 550 US gallon MeOH tanks.*

*All equipment subject to availability at point of order confirmation.*

*PyroSentry® and PyroSentry+ join James Fisher Energy's market-leading range of 'Sentry' safety products, including HeaterSentry – an essential early-warning system for well test heat exchanger coil failure.*