



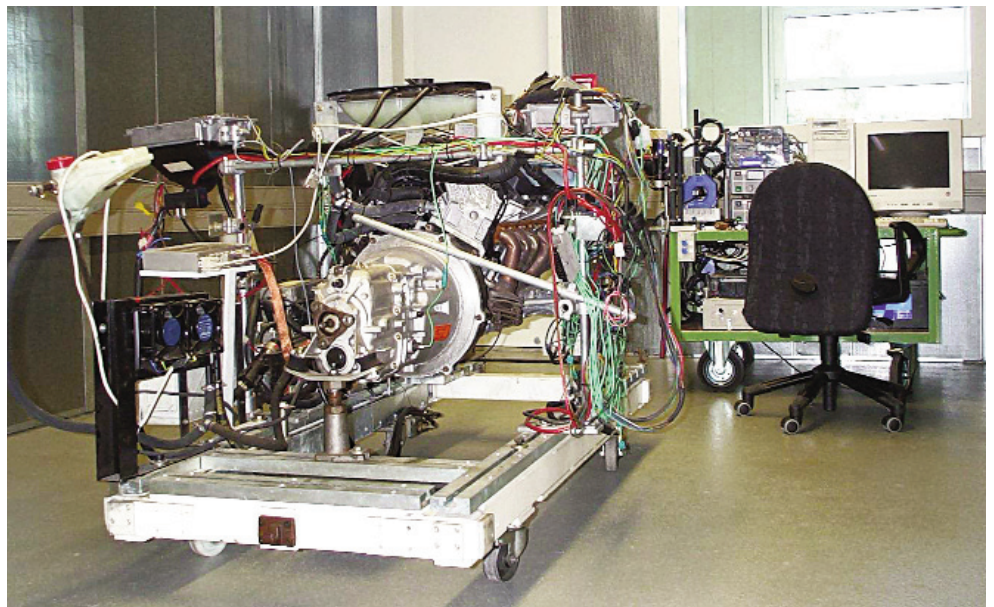
# Automotive

## Protection for Testing Facilities

Fires within sensitive testing facilities, such as engine and component test stands, could lead to a total loss of the tested objects and damage the facility itself. An incident within an engine test stand could have very costly consequences. Operators of test stands therefore demand a highly flexible, efficient and cost-effective fire protection system. Since 12 years FOGTEC offers solutions for the Automotive Industry and makes sure that your test facilities are protected round the clock. The FOGTEC system for test stands bridges a gap within the range of fire protection systems presently available. The question protecting sensitive test areas is one that is asked by many facility owners. The risk is substantial and always present due to the nature of the components, materials, measurement and tests carried out within the stand as well as the adjacent plant areas. Broken fuel and oil lines could create "spray fires" causing maximum damage.

A ruptured fuel line will spray fuel onto hot exhausts etc, the result is a very fast, very hot and damaging fire. Temperatures will rapidly reach high levels; increasing the fire size as nondirectly effected materials ignite. Additionally large amounts of acidic and damaging smoke will be produced. This is a worst scenario but one that has and

will continue to happen due to the nature of the testing and R&D business. The vast benefits of using water for fire fighting have been known for many years! It is only within the last decade that water mist systems in their finest form i.e. high pressure, have been recognised as an alternative to gaseous extinguishing agents for test facilities.



## The Smarter Way of Fire Fighting

[www.FOGTEC.com](http://www.FOGTEC.com) • [contact@FOGTEC.com](mailto:contact@FOGTEC.com)



- Simple installation with pipes of very small diameter
- Rapid temperature reduction, uniform cooling
- Short stand down times after discharge
- Cost of recharging after discharge is low
- Zero environmental impact
- Ability to reduce acidic smoke damage

Over 600 test facilities are protected by FOGTEC. The system is acknowledged as 'best practise' for these types of facilities. Available directly from FOGTEC Fire Protection or from any of our 45 highly skilled fire engineering partners across the world.

**These test facilities are:**

- Engine test stands for cars and commercial auto
- Engine test stands for heavy engines
- Climatic test stands
- Component test stands
- Acoustic test stands
- Tilt test stands
- Climatic chambers
- Roller test stands
- Fuel supply systems
- Exhaust-gas systems
- Wind tunnels
- Tank stores

Storage space, over pressure, safety and environmental issues are not a problem with FOGTEC systems. When water is subjected to high pressures and discharged by specially developed nozzles, a very fine water mist is created. This water mist has many benefits including rapid cooling and reduction in acidic smoke damage as well as very fast fire control and extinguishment.

FOGTEC systems have been selected by operators of engine test cells for many reasons including the following:

- Safe for people
- Fast extinguishment



# The Smarter Way of Fire Fighting



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