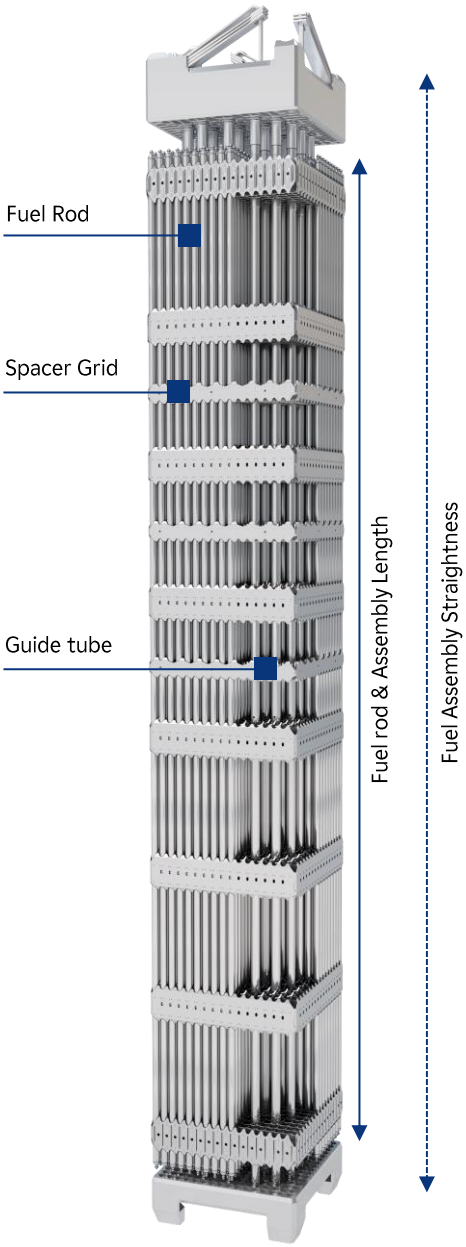
framatome

MEASUREMENT - FOR FUEL PERFORMANCE MONITORING

Innovative Fuel Field Services solutions, proven in practice

Framatome's measurement solutions, applicable to LWR fuel assemblies, meet nuclear power plant requirements in a safe and sustainable manner.



Challenge

Validation and verification of fuel performance codes, as well as operational experience from in-reactor behavior of fuel assemblies and core components, are essential. These codes are used for in-core fuel management and to demonstrate the safe operation of fuel assemblies.

Solution

Framatome has developed specialized measurement devices for these purposes, capable of recording design-relevant data on irradiated fuel assemblies across all PWR, BWR, and VVER reactor types. In addition, the Framatome portfolio includes mobile measurement equipment capable of determining dimensional changes and oxide-layer thicknesses on fuel rods, spacer grids, and other structural components of fuel assemblies.

Customer benefits

- Mobile measurement equipment ready for deployment.
- Expert support on-site and remotely.
- Framatome-developed solutions, including software ensuring long-term support.
- High measurement accuracy and qualified measurement technologies.
- Equipment available for sale or rental.

Framatome Solutions Portfolio
Fuel Field Services

Your performance
is **our** everyday **commitment**

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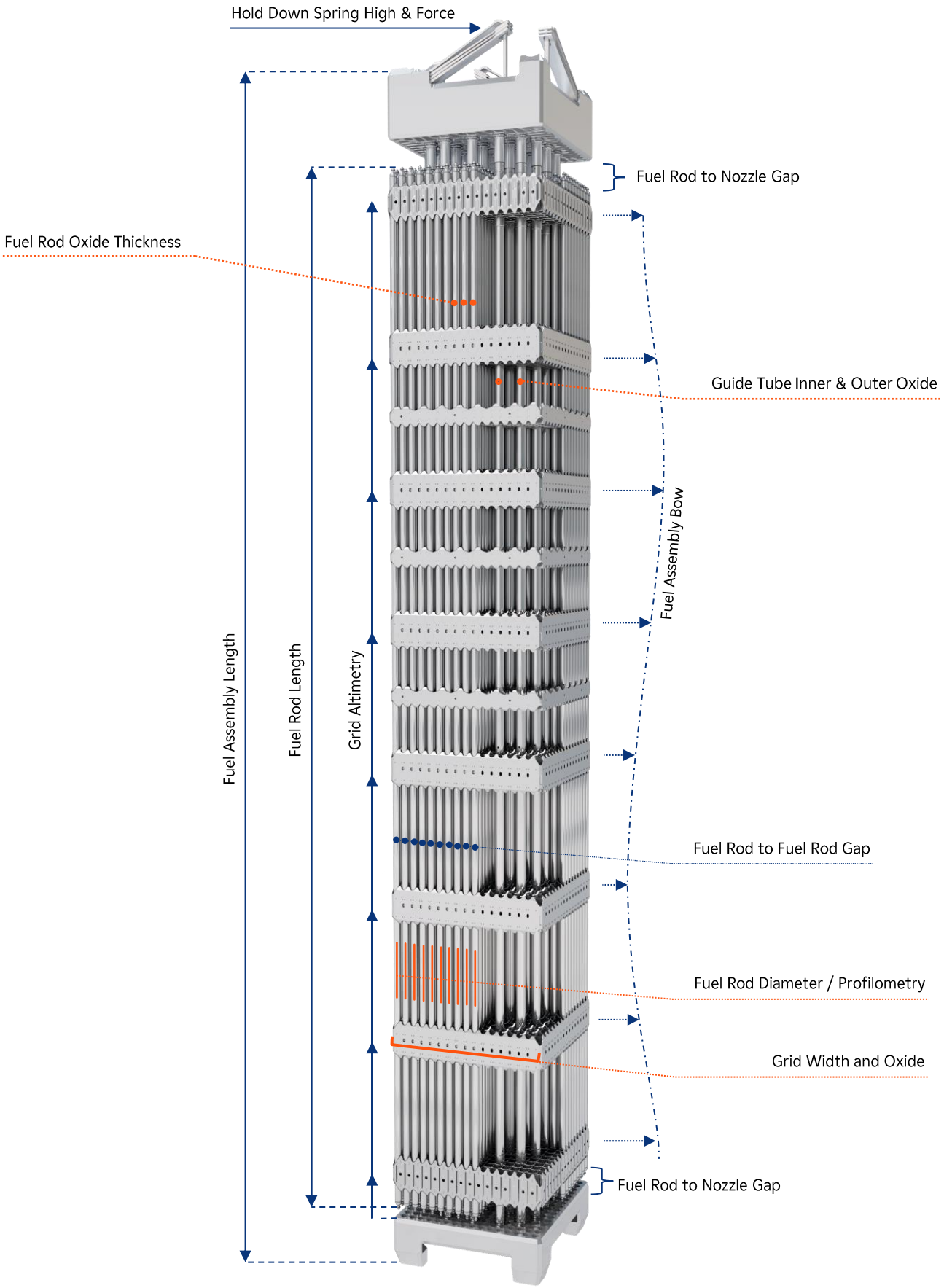
Technical Information



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