

In-Core Control Box

Path selectors and automatic valve checking

Framatome Control Box helps utilities to reduce their electrical failure risks thanks to a reliable, fully remote, automatic valve testing.

Challenge

In order to prevent any electrical failure during outage restart, utilities typically conduct complete test of the In-Core Instrumentation before restarting the reactor.

Solution

Framatome has developed an integrated control box to test all path selectors and automatic valves in order to reduce risks linked to electrical failure during the unit restarting.

The Framatome Control Box is equipped with a Human Machine Interface (HMI) that allows local control of the instrumentation. Using the In-Core Control Box greatly increases reliability thanks to a full instrumentation system testing. The Framatome Control Box reduces risks to face an electrical failure during the unit restart and reduces the risk to repair In-Core instrumentation on the critical path.

Customer benefits

- Save time during outage thanks to a faster instrumentation system testing
- Peace of mind during the unit restart
- Costs saving thanks a Framatome customized predictive maintenance

Your performance
is our everyday **commitment**



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Technical information

Weight 12 lb – 5 kg

Dimensions 12 in x 12 in x 8 in

Waterproof IP54

Easy decontamination

Touchscreen suitable with gloves

Multi language

Multi Unit customized design

Easy upgrade : RJ45 + PC for upgrades.
(open source based)

User friendly design and interface

CE certified

Key figures

2 times faster troubleshooting

100% compatible with PWR designs

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