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Mobile SPALAX NG version

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In the context of the Comprehensive Nuclear Test Ban Treaty (CTBT), the CEA/DAM developed the SPALAX (Système de Prélèvement Automatique en Ligne avec l'Analyse du Xénon) about 20 years ago which is used in the International Monitoring System to detect xenon releases following a nuclear explosion. The new generation of the system has been successfully developed by the CEA and CEGELEC Défense. It is now fully operational. For the second system, CEGLEC integrated the SPALAX NG modules in a shelter. This way, it can be deployed easily anywhere in the world. It is energy self-sufficient (generator) and can be supplied by different electricity networks. CEGELEC climate chamber reproduces extreme weather conditions and the tests of the SPALAX-NG shelter were very satisfying. It is now in service in France for the CEA experimentations.

Promotional text

The Spalax NG should be part of the IMS stations in the future. We wish we introduce the shelter version of the product.

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