

## Vacuum Drying Facility for Solid and / or Liquid Radioactive Waste

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- Fully automatic drying up to drying criterion
- No handling of open contamination
- Parameter variation by operator: Adjustment of the drying process to different waste packages
- Operation via remote operation panel
- Control via failsafe S7-SPS incl. peripherals
- Protected data export via USB/ CD/ DVD or network
- Compact design (also possible for mobile use)
- Design customizable by GNS



## Specifications (generic configuration)

Drying facility PETRA for mobile or stationary drying of radioactive waste

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| ▪ System pressure:                       | manual or automatic pressure control   |
| ▪ Condensation capacity:                 | variable up to 30 kg/h (customizable)  |
| ▪ Heating power:                         | variable up to 30 kW   |
| ▪ Reception capacity per drying chamber: | 4 x 200 l drums<br>variants: 8 x 200 l drums / 4 x 400 l drums etc.  |
| ▪ Control system:                        | use of failsafe S7-devices and peripherals<br>visualization and handling by Win-CC<br>variable parameter level                               |
| ▪ Documentation:                         | considerably process data acquisition and visualization  |
| ▪ Size (l * w * h):                      | 3,037 * 1,980 * 2,993 mm   |
| ▪ Weight:                                | appr. 2,500 kg   |
| ▪ Interface:                             | - cooling and heating water supply<br>- exhaust air filter system<br>- sewage system<br>- compressed air supply<br>- electrical power supply |

