

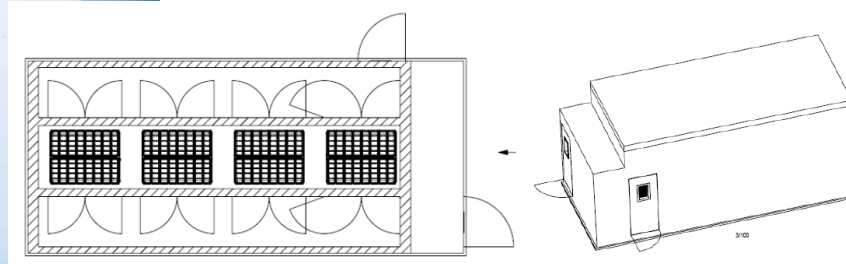
Fully automated liquid handler



- ▶ High quality due to accurate sample handling
- ▶ Automatically generated sample information list with all necessary data
 - ▶ Immediate sample storage at -20°C



Walk-in storage at $-80^{\circ}\text{C}/-20^{\circ}\text{C}$ („Manual Store“)



- ▶ Manual sample input and output
 - ▶ Sample storage -80°C
 - ▶ Sample handling -20°C
- ▶ 24h temperature control and alarm handling
- ▶ Storage capacity: ~558.000 samples



Fully automated liquid sample storage



- ▶ Fully automated sample picking & tracking
 - ▶ Sample storage -80°C
 - ▶ Single tube picking -80°C
 - ▶ Sample transfer -20°C
- ▶ 24h temperature control and alarm handling
 - ▶ Storage capacity: 5,2 Mio samples



Manual storage in liquid nitrogen tanks



- ▶ Manual sample input and output
- ▶ Storage in gas phase of liquid nitrogen: -150°C to -160°C
 - ▶ 10 Cryotanks (June 2024)
- ▶ 24h temperature control and alarm handling
- ▶ Storage capacity/tank: ~ 22.000 vials



Manual archive for FFPE* blocks and slides



- ▶ Storage of FFPE samples in a room with 425,5m²
- ▶ Accurate temperature storage according to CEN and ISO standards (18-25°C)
- ▶ Storage capacity: ~36 Mio slides and ~15 Mio blocks

