

Assay Furnace N 110/HS and S 73/HS



N 110/HS with manual lift door and integrated control cabinet



Customized pit-type furnace S 73/HS, with rolling lid for bigger charges in crucibles

N 110/HS

The N 110/HS furnace is especially used for the assay of precious metals where the insulation and heating must be protected from emerging gasses and vapours. The furnace chamber forms a ceramic muffle which can easily be replaced. In the standard design, the muffle is closed with a firebrick plug. A lift door can be installed instead upon request.

- Tmax 1300 °C
- Muffle heated from four sides
- Heating elements and insulation protected by ceramic muffle
- Simple replacement of muffle
- Manual lift door
- Tool holder on furnace
- Stainless steel exhaust chimney above the door opening for connection of an exhaust system
- Work platform with embedded ceramic plate in front of the muffle opening to place load
- Front side with large service door for easy access to the furnace chamber behind the muffle
- Double-walled casing with fan cooling to reduce exterior temperatures
- Base frame with integrated switchgear and controller
- Please see page 48 for a description of the different controllers

Additional Equipment

- Electrical lift door drive with 2-hand button operation
- Second work platform with embedded ceramic plate below the standard platform



Work platform in front of muffle to place load



Furnace chamber of S 73/HS with SiC-plates as muffle function

Model	Tmax °C	Interior dimensions in mm			Volume in L	Outer dimensions in mm			Power kW	Electrical connection*	Weight in kg
		w	d	h		W	D	H			
N 110/HS	1300	260	340	95	8	760	790	1435	22	3-phase	510
S 73/HS	1200	530	380	360	73	1050	1530	900	26	3-phase	890

*Please see page 48 for more information about mains voltage