weisstechnik



Precise temperatures and clean room capability.

With the cryogenic chamber for for the chip industry.

The newly developed test chamber is made entirely of stainless steel and is therefore cleanroom-compatible.
The automatic door enables efficient loading and unloading of the system. A connection to manufacturing execution systems (SECS/GEM) and overhead hoist transfer systems is provided. Batches are recognised via QR codes, which enables seamless integration into existing production processes.

Our highlights:

- Installation in clean room (outside and inside); class ISO 5
- -75°C achievable
- Connection to Manufacturing Execution System (SECS/GEM)
- Connection to Overhead Hoist Transfer System (automatic door)
- Batch recognition via QR codes

Convincing technology. Reliable results.

Performance data and application limits		
Test room volume	**l**	1000
Test chamber dimensions (HxWxD)	**mm**	1632 x 1100 x 550
External dimensions[1] (HxWxD)	**mm**	2605 x 1485 x 2850
Pull-out part of the drawer	**mm**	967
Maximum load of the extendable drawer	**kg**	25
Maximum load on the test room floor	**kg**	100
Temperature range[2]	**°C**	-75 bis +50
Temperature change rate cooling[3]	**K/min**	4.0
Temperature change rate heating[3]	**K/min**	4.0
Heat compensation +20 °C	**W**	8000

[1] Overall dimensions when installed. Different installation dimensions, components can be dismantled for installation (service).

[2] Temperatures > +5 °C can be run in continuous operation, temperatures < +5 °C discontinuously.

[3] According to IEC 60068-3-5; on average, measured in the supply air

All performance data stated refer to an ambient temperature of +25 °C and a cooling water temperature of +18 °C.

The product requires fluorinated greenhouse gases to function.

We reserve the right to make any technical changes without prior notice.



Included in the standard configuration:

- ✓ Nitrogen purging to generate an inert atmosphere
- ✓ Oxygen measuring device
- ✓ Automatically opening door
- ✓ Hepa filtering of the supply air
- ✓ Constant negative pressure in the machine section to prevent particle emissions

Weiss Technik GmbH
Greizer Straße 41-49
35447 Reiskirchen/Germany

T +49 6408 84-0
info@weiss-technik.com
weiss-technik.com