weisstechnik®
a schunk company

World novelty!

The refrigerant of the future. -70 °C without compromise.

Due to the EU F-gas Regulation, innovations for environmental simulation systems are more crucial than ever. Weiss Umwelttechnik took a pioneer role in refrigerant research and started a development initiative with top-class partners. Now, Weiss Umwelttechnik presents the revolutionary discovery WT69 – the refrigerant of the future.

WT69 – the future-proof substitute for R23.

A breakthrough in the laboratories yesterday and now available for you. Benefit from the innovative advantages we offer for environmental simulation systems with WT69:

- **Without compromise to -70 °C**

  WT69 works down to -70 °C. All existing test profiles can be used and the results are similar.

- **Compliant with the F-gas Regulation**

  WT69 has an extremely low GWP of only 1,357. Compared to R23, the CO_2 equivalent was reduced by more than 90 % (14,800 to 1,357).

- **Fulfils all requirements for refrigerants**

  - Pressure in system controllable, pressure levels as before
  - Non-flammable: A1/A1 proven by ASHRAE
  - Non-toxic: material safety data sheet officially released
  - No ODP: formula without ozone-depleting substances
  - Non-corrosive: 100,000 hour tests without corrosion
  - Components and lubricators: suitability proven
  - Chemically stable: ASHRAE and BAM tests passed

- **Composed of commercially available gases**

  WT69 is a regular synthetic refrigerant. Standard refrigerant components are sufficient – no additional safety assessments, separate cooling or increased refrigerant amounts necessary.

- **Independently produced and affordable**

  WT69: availability is guaranteed. Refrigerant wholesalers are used for distribution.

The performance data at a glance.

Type	Exterior housing dimensions, H x W x D	Test space dimensions, H x W x D	Minimum temperature	Temperature-changing rate, cooling	Maximum heat compensation
	mm	mm	°C	K/min.	W
PERFORMANCES FOR			**TEMPERATURE TESTS**		
With temperature-changing speed of 3 K/min					
ClimeEvent C/180/70a/3	1800 x 895 x 1495	750 x 580 x 450	-70	3.8	2000
ClimeEvent C/340/70a/3	1800 x 895 x 1810	750 x 580 x 765	-70	3.8	2000
With temperature-changing speed of 5 K/min					
ClimeEvent C/600/70a/5	2000 x 1115 x 1855	950 x 800 x 800	-70	6.0	5000

Further details see table in the product brochure.
We reserve the right to make any technical changes without prior notice.