

WT69 inside: -70 °C without compromise.



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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.



www.weiss-technik.com

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 CO₂ 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					
TempEvent T/180/70a/3	1800x895x1495	750x580x450	-70	3.8	2000
TempEvent T/340/70a/3	1800x895x1810	750x580x765	-70	3.8	2000
With temperature-changing speed of 5 K/min					
TempEvent T/600/70a/5	2000x1115x1855	950x800x800	-70	6.0	5000

Further details see table in the product brochure.

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