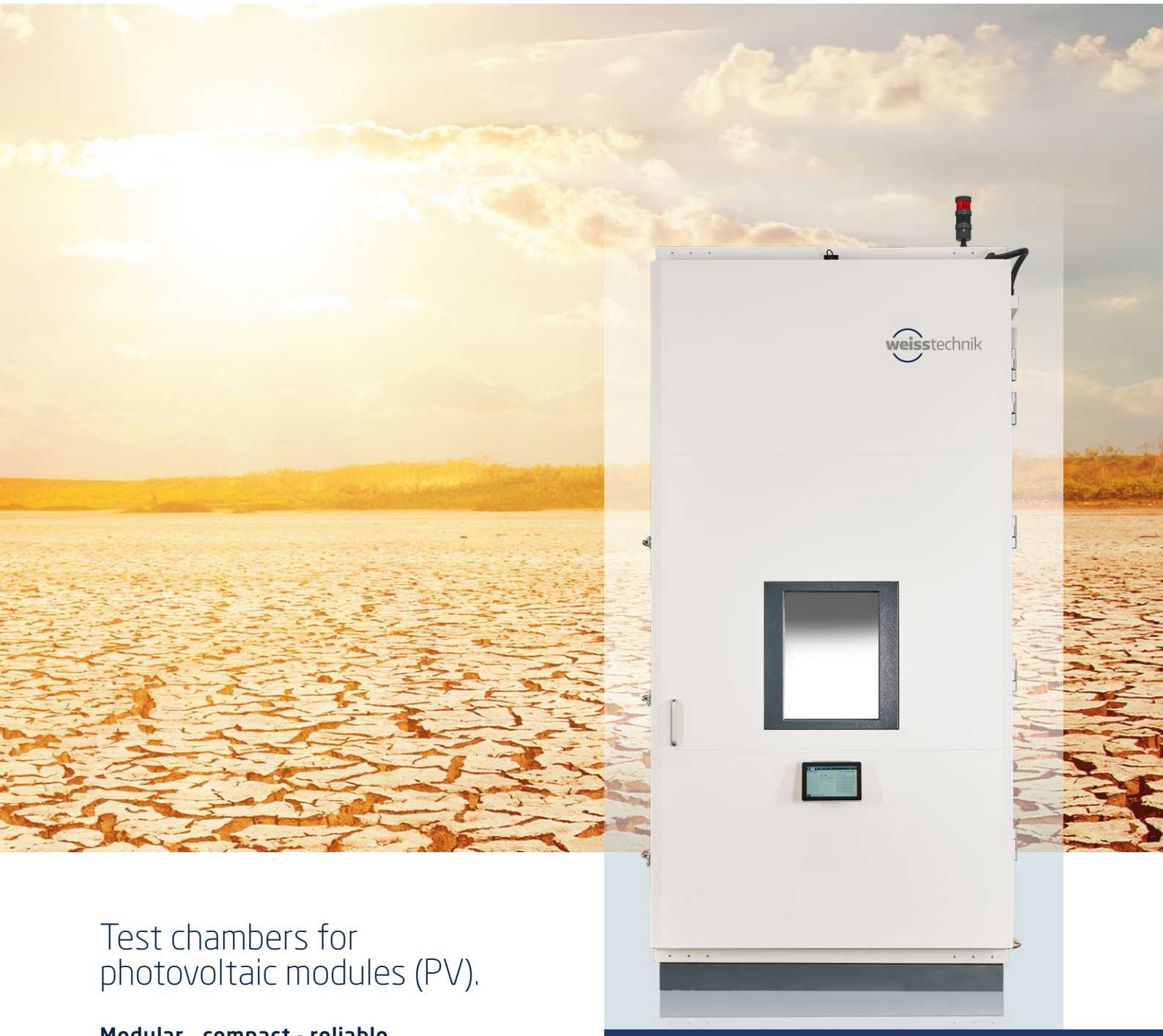
weisstechnik



Test chambers for photovoltaic modules (PV).

Modular - compact - reliable.

The new test chambers for PV modules are designed for demanding tests. They guarantee the suitability and service life of the modules under extreme conditions such as temperature changes, damp/frost or damp/heat. Easy installation thanks to plug-in design.

Our Highlights:

- Tests in accordance with DIN EN 61215-2:2016, MQT11-MQT13 possible
- A test cell made of fully welded, high-quality stainless steel to withstand corrosive outgassing
- All components installed in the test chamber are corrosion-resistant

Convincing technology. Reliable results.

PV-Prüfung		C/3100/70a/5/H/PV	C/5´/-50/+150/2/PV
Test space volume	**l**	3061	4698
Test space dimensions (WxHxD)	**mm**	1100 x 2100 x 1325	1200 x 2700 x 1450
External dimensions (WxHxD)	**mm**	1460 x 2800 x 3400	1800 x 3700 x 4300
Temperature change rate cooling[1]	**K/min**	5	1,67
Temperature change rate heating[1]	**K/min**	5	1,67
Dew point temperature range[2]	**°C**	-3 to +94	+4 to +89
Humidity range	**%r.F.**	10 to 98	10 to 95
Temperature range for climate test[2]	**°C**	10 to 95	20 to 90
Temperature range for temperature test	**°C.**	-70 to +180	-50 to +150
Refrigeration unit - water-cooled		R449/R469A	R744 (CO^2)

[1] According to IEC 60068-3-5; on average, measured in the supply air.
[2] Discontinuous operation (+4 °C to -3 °C)

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:

- ✓ Components inside the test chamber made of corrosion-resistant materials
- ✓ Compressed air connection for continuous purging of corrosive gases
- ✓ Test chamber made of stainless steel 1.4044
- ✓ **S!M**PAC digital measurement and control system
- ✓ Refrigeration unit - water-cooled R744 (CO_2) (-50°C) and R449/R469A (-70°C)

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