

# Climatic Chamber Weiss WKL 100/70

## Environmental Simulations

PIDSO's products are being tested diligently to meet all requirements of its customers. Therefore, we test our RF and electronic products according to environmental conditions specified by our customers, e.g. MIL-STD-810F.

We offer environmental simulations as a service for your products as well.

With our state-of-the-art climatic chamber we are able to perform a wide variety of environmental tests.

Gain valuable data about environmental impacts on the functionality, improve durability, reliability and performance of your products under realistic conditions!

- -70 °C to +180 °C
- Cool: 3.5 K/min, Heat: 3.5 K/min
- Chamber test dimensions: 500 x 490 x 400mm<sup>3</sup>
- Combined temperature / humidity testing
- Test procedures according to e.g. MIL standards
- Complete test setup and documentation

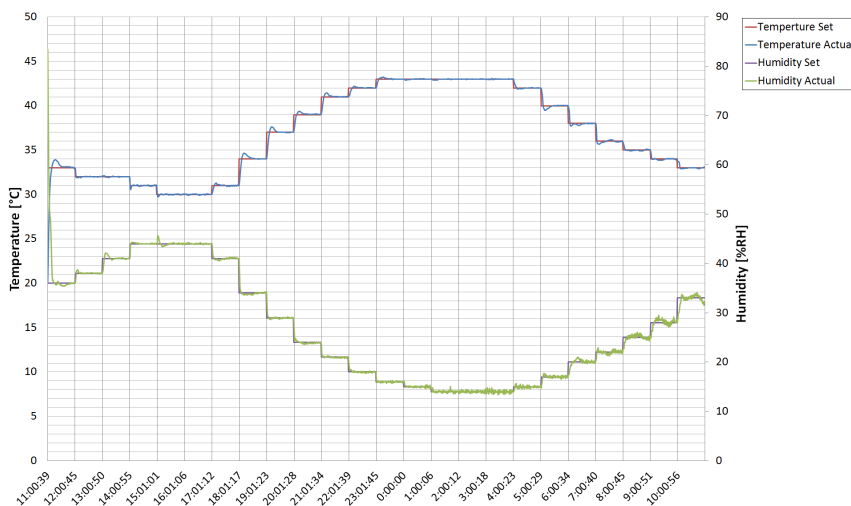
## Technical Data

Chamber capacity	100l
Chamber dimensions	Height: 500 mm Width: 490 mm Depth: 400 mm
Maximum temperature	+180 °C
Minimum temperature	-70 °C
<b>Temperature test</b>	
Maximum temperature rate of change	
Cooling	3.5 K/min
Heating	3.5 K/min
<b>Climatic test</b>	
Temperature range	+10 to +95 °C
Dewpoint temperature range	+5.5 to +94 °C
Humidity range	10 to 98 % RH
Humidity deviation over time	±1 to ±3 % RH
Temperature deviation, over time	±0.3 to ±0.5 K
Temperature homogeneity, spatial	±0.5 to ±1.5 K

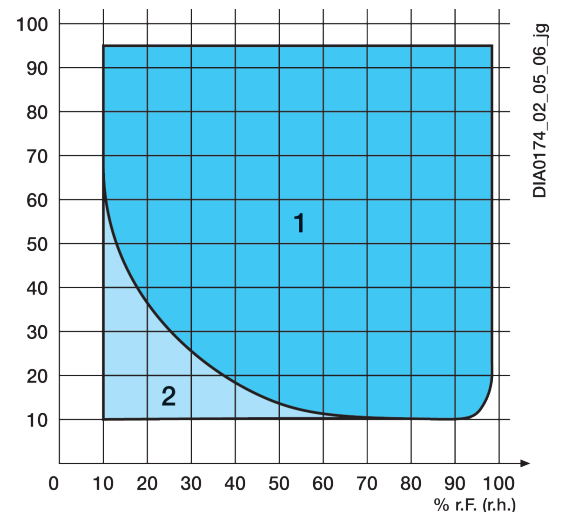


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Record of chamber temperature/humidity versus time



Humidity Chart:



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