

CALIBRATION CLIMATIC CHAMBER

(- 60 °C ...+ 80 °C)

(5 % ...95 % Rh)

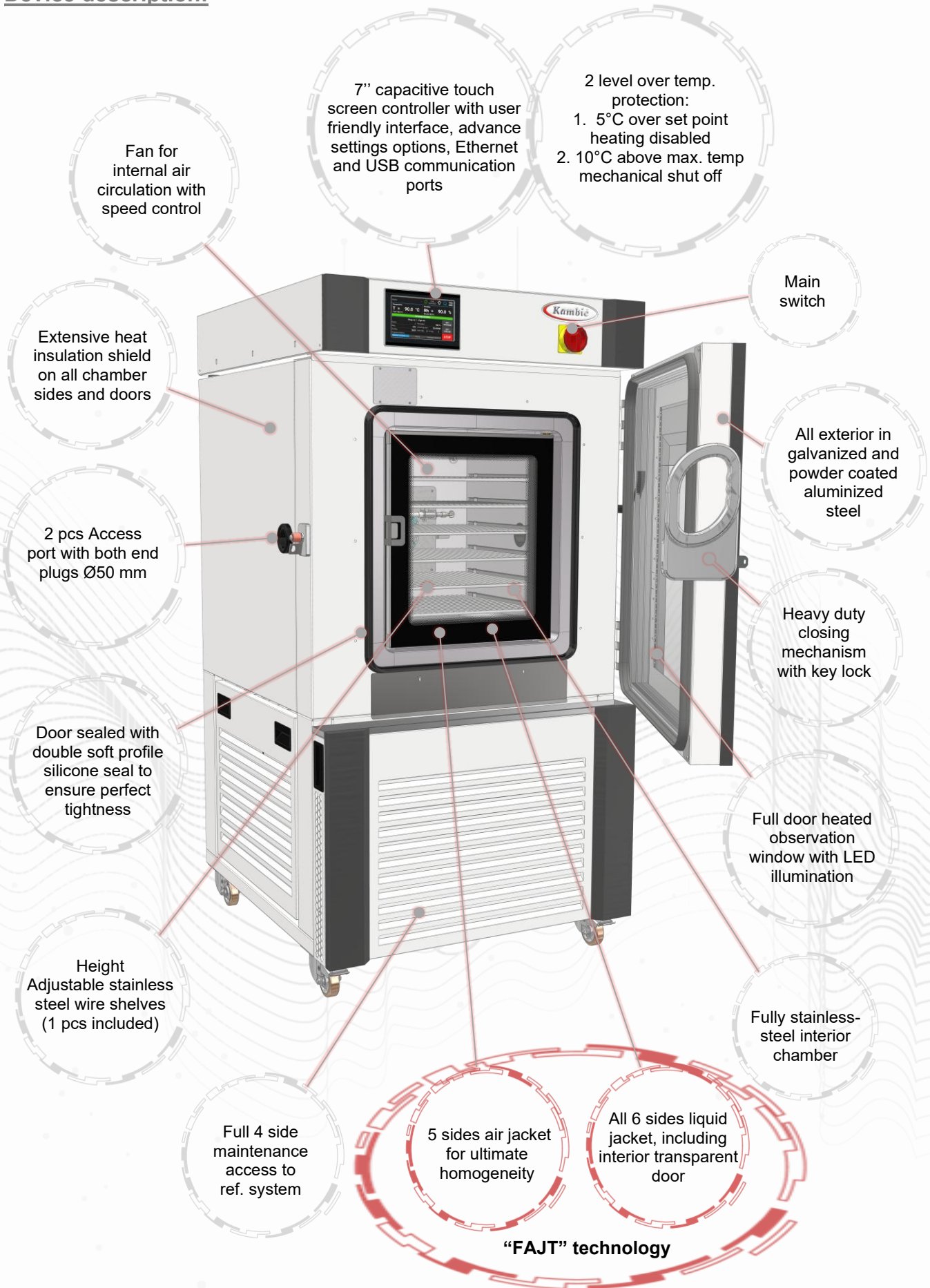
Model:

ULTRA-80 H

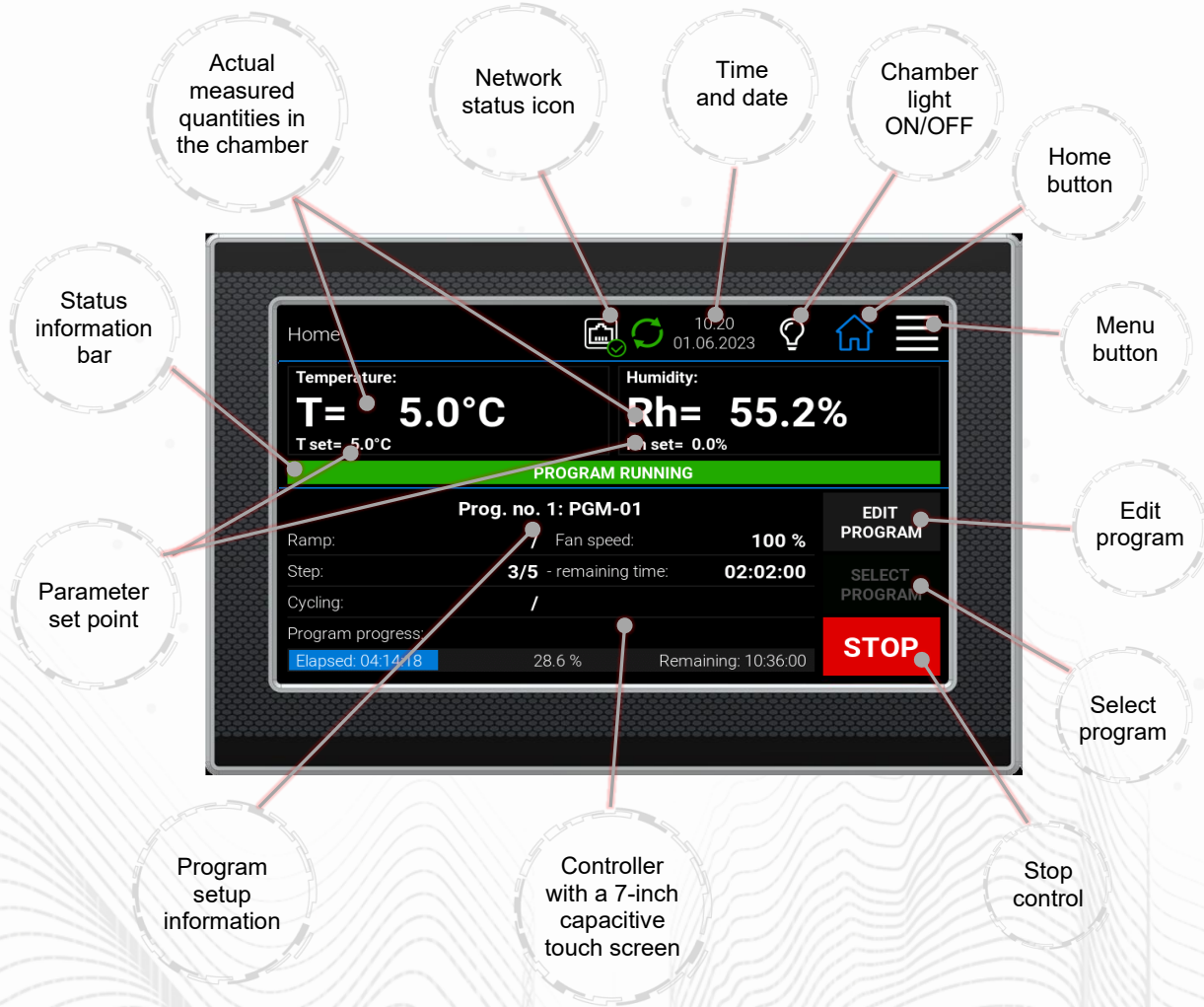
- Calibration Climatic chamber - metrology performance
- Superior temperature control with FAJT (fluid + air jacket technology)
 - Dual flow humidity control
 - Perfect for calibration of air sensors
- Convenient – Side Access for Cables & Probes
- Data loggers and sensors calibration
- World-class metrology performance



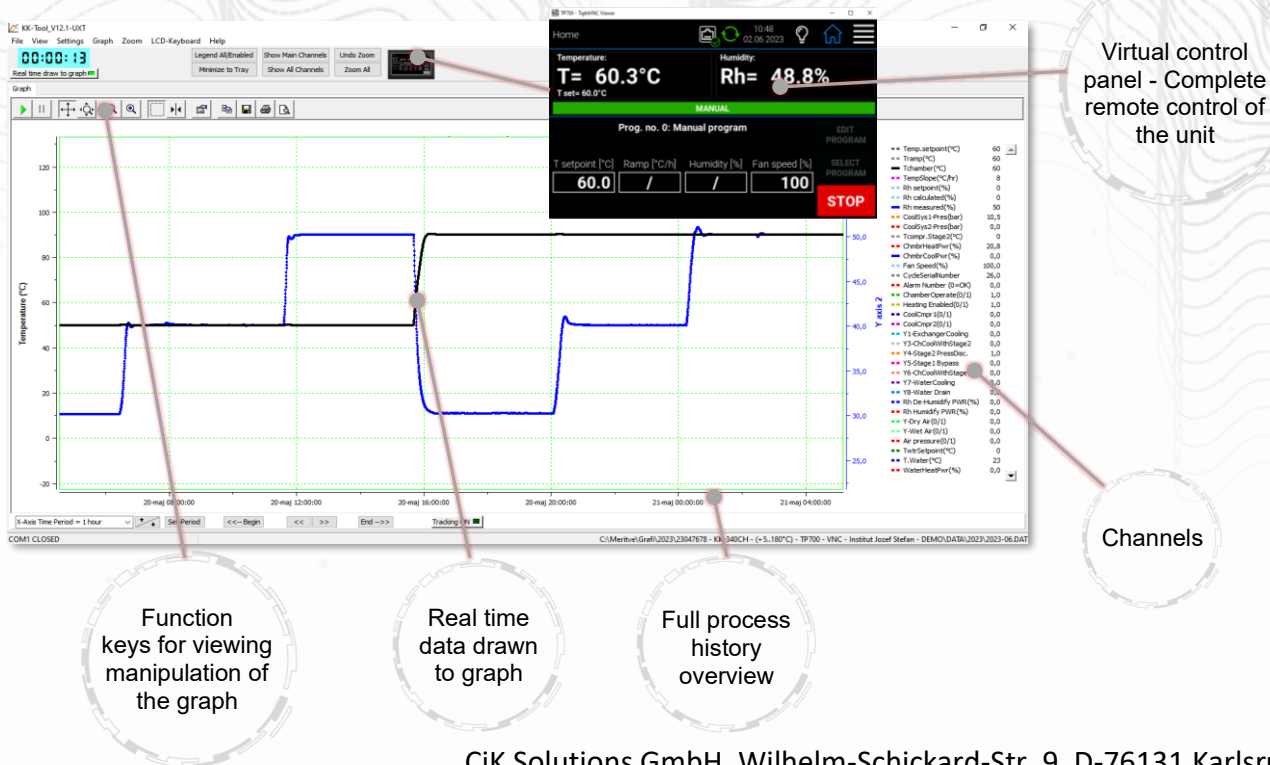
Device description:



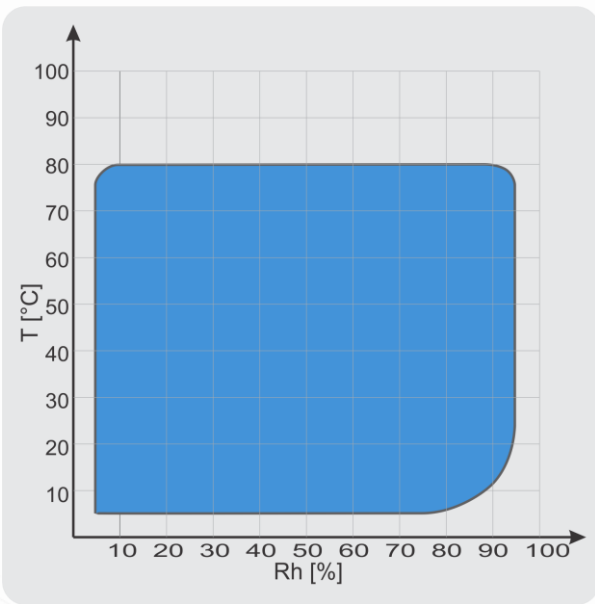
Touch display with advanced controller functions:



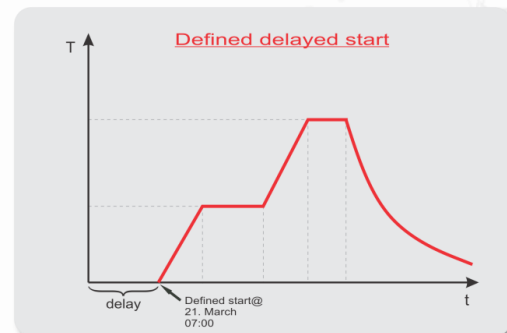
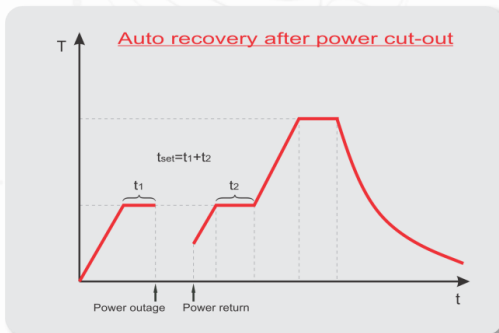
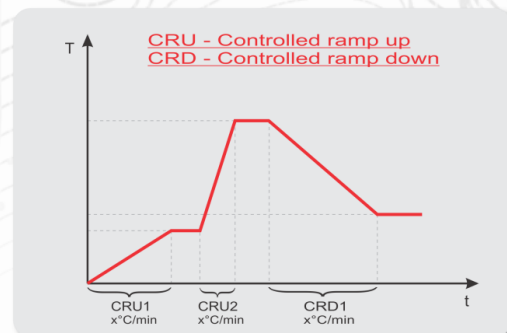
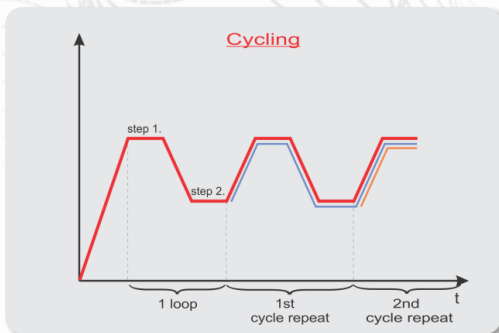
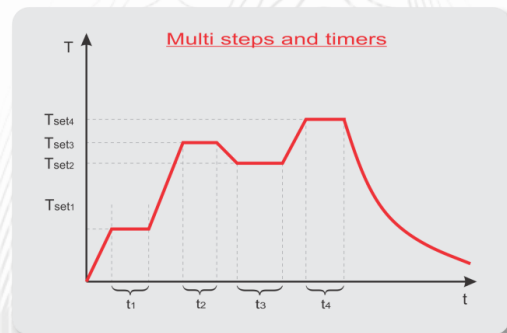
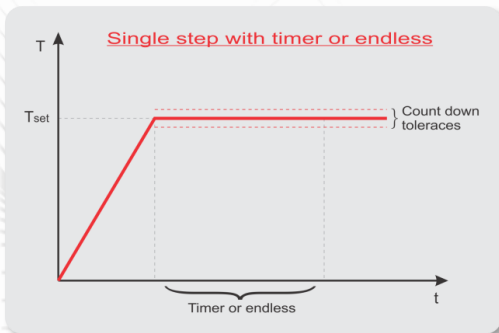
KK-Tool software for PC (free – included with every unit):




Rh range:



Controller functions:



	ULTRA-80 H
	
External dimensions (WxHxD) [mm]	835 x 1692 x 954
Internal dimensions (WxHxD) [mm]	430 x 475 x 410
Volume [L]	~ 80
Temperature range [°C]	- 60 ...+ 80
Heat up rate [°C/h]	10 °C/h average
Cool down rate [°C/h]	20 °C/h average
Temperature display res [°C]	0.001
Temperature set res. [°C]	0.001
Temperature stability [°C]	± 0.003 @ - 60 °C...+80 °C (full range)
Temperature uniformity [°C]	± 0.08 @ - 50 °C ± 0.08 @ - 40 °C ± 0.06 @ - 20 °C ± 0.04 @ 0 °C ± 0.03 @ + 20 °C ± 0.06 @ + 40 °C ± 0.08 @ + 60 °C
Temperature control	PID (PT-100) Cascade PID
Rh range [%]	5...95 in T range 5°C...80°C
Rh display resolution [%]	0.1
Rh set resolution [%]	0.1
Rh stability [%]	± 0.3 @ 20 °C, 60 % Rh (better than ± 0.4 full range)
Power supply	230V 50/60 Hz
Wattage [W]	3600
Interface	USB and Ethernet
Shelve	1 (max 6)
Shelve capacity [kg]	20
Observation window	As standard
Access port [mm]	1 Ø 50 (left side) 1 Ø 50 (right side)
Noise [dBA] @ 1 m distance	58
Weight [kg]	350

**All performance in controlled environment (T_{ambient} = 21 °C ± 3 °C)!*

**Accessories might affect performance!*

