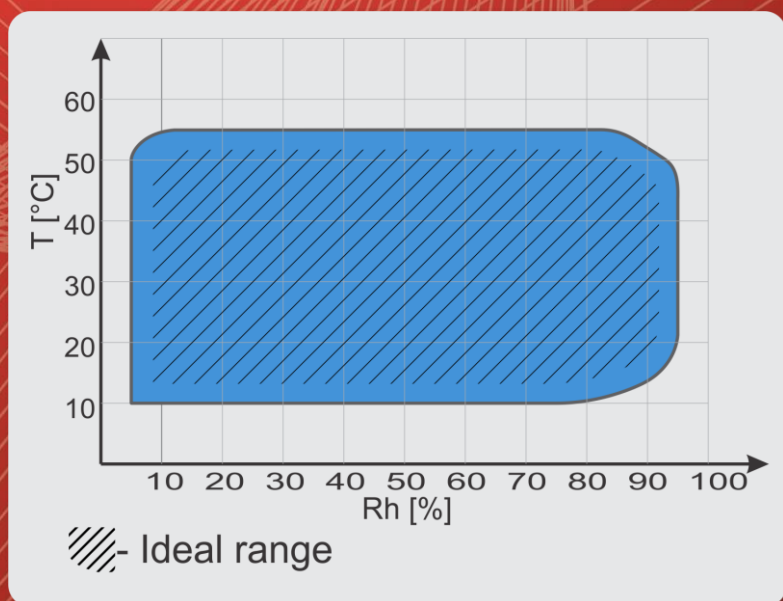


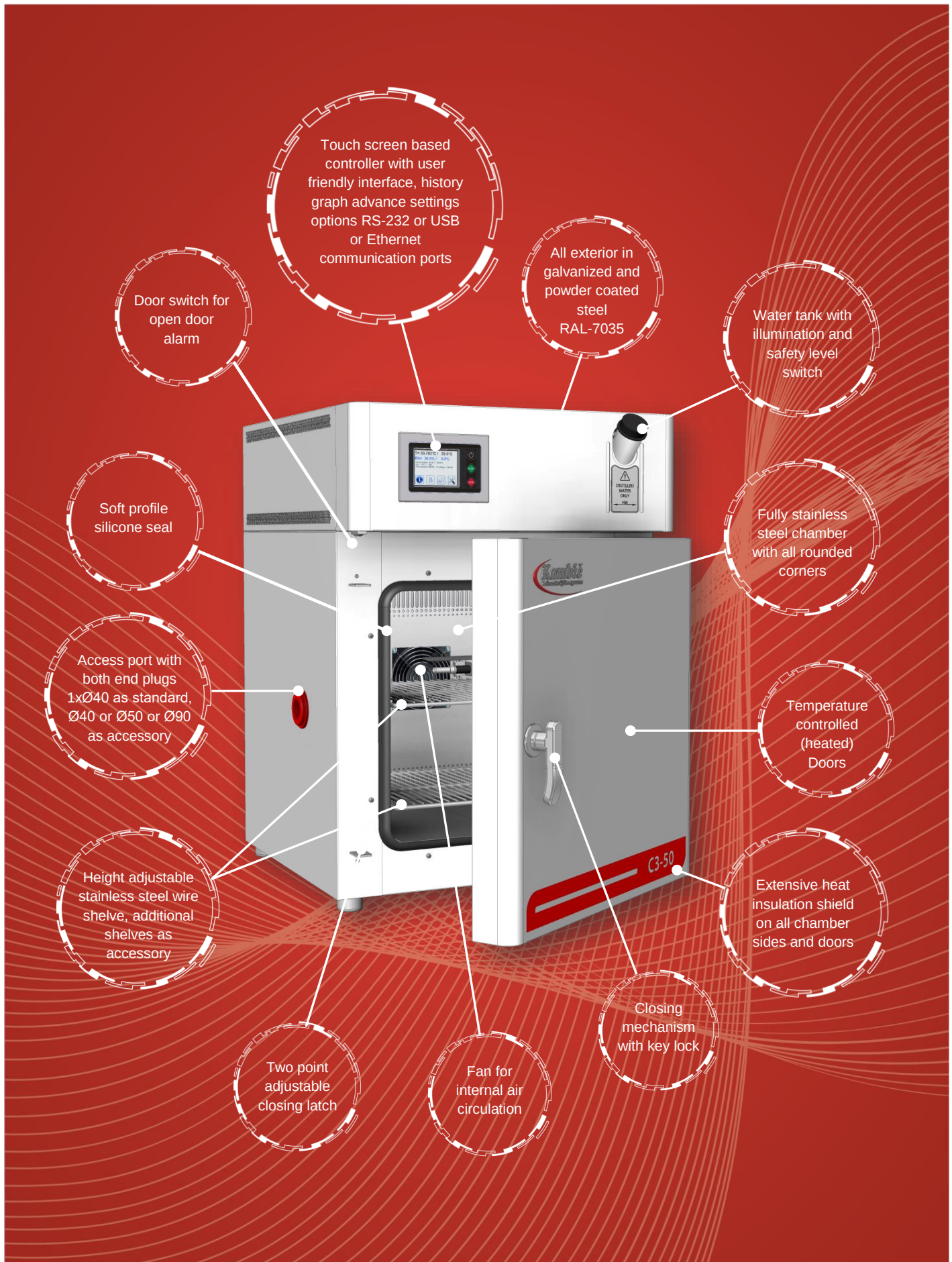
CALIBRATION CLIMATIC CHAMBER

C3-50

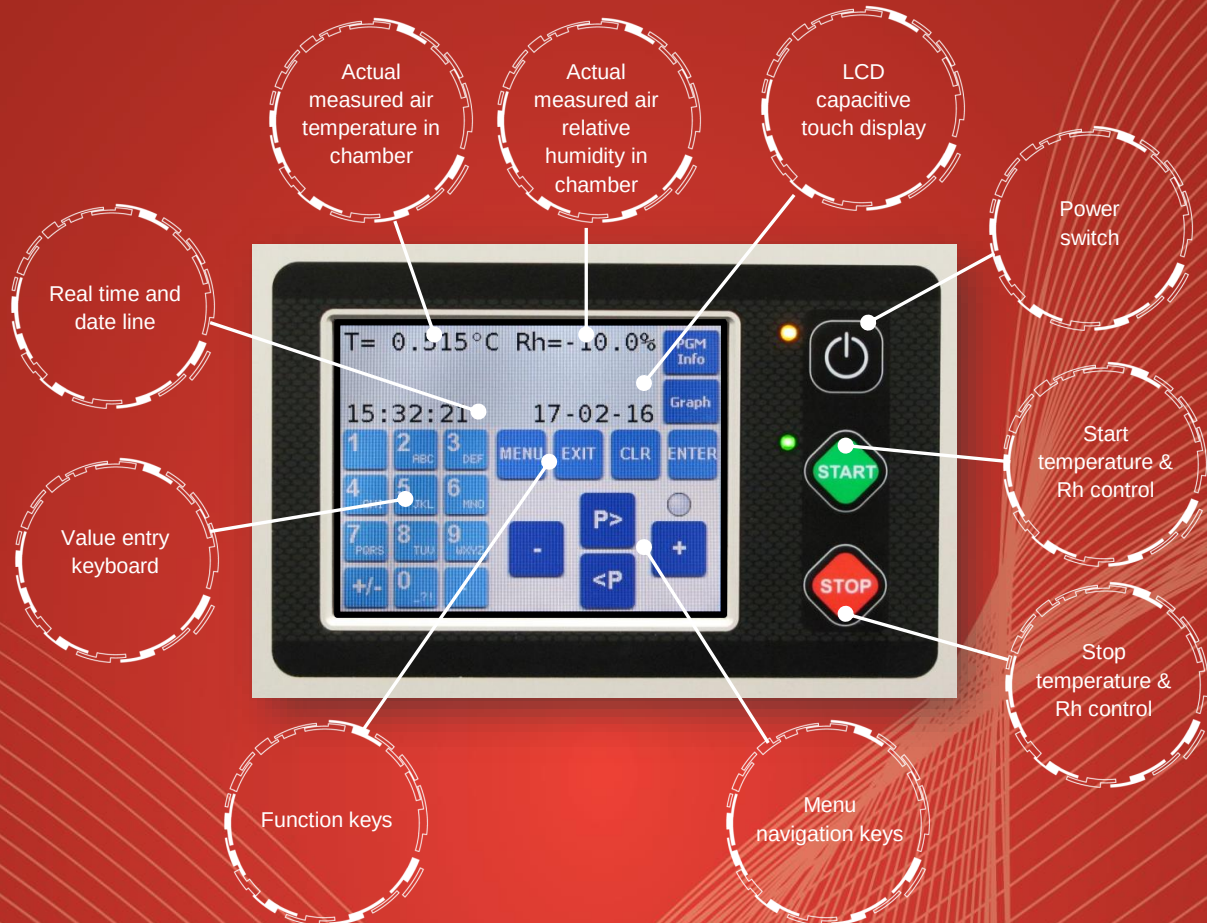
Superior temperature and humidity control:

- Perfect for calibration of air temperature and relative humidity sensors
 - Convenient Front Access – Side Access for Cables & Probes
 - Stable, silent, vibration free climatic conditions
 - Superior temperature & Rh uniformity
 - Mixed flow humidity control
 - Cascade PID control

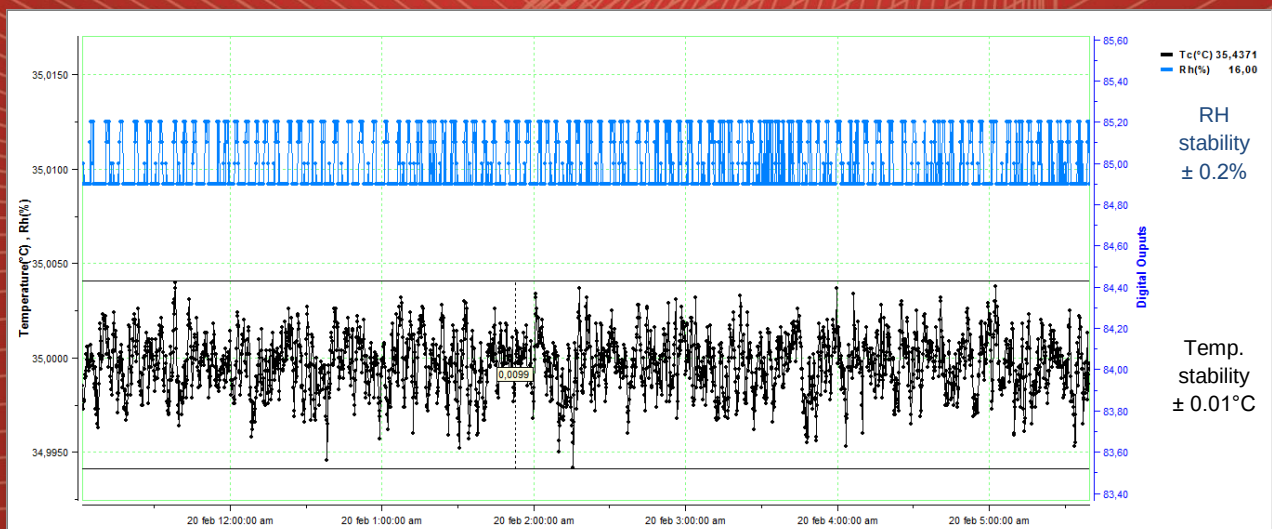




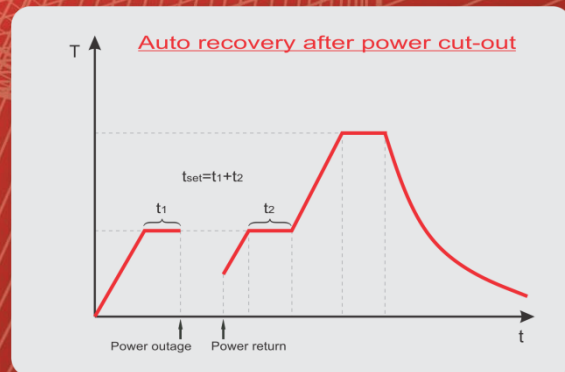
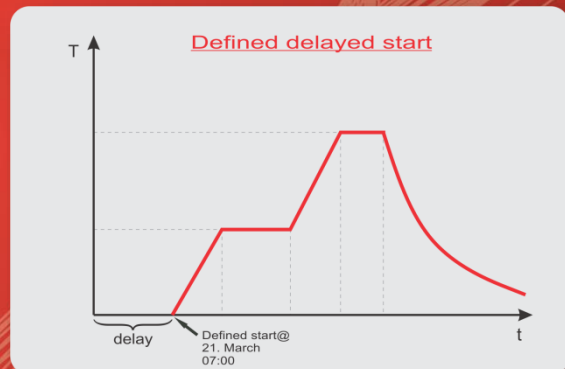
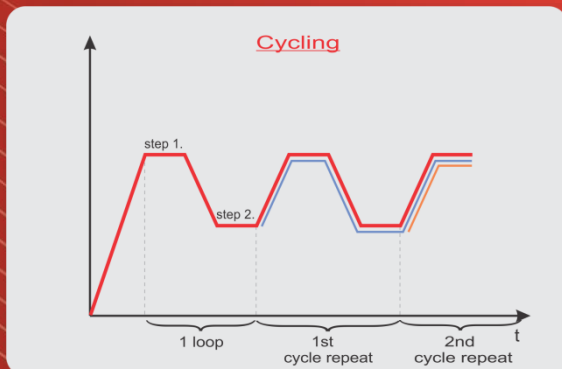
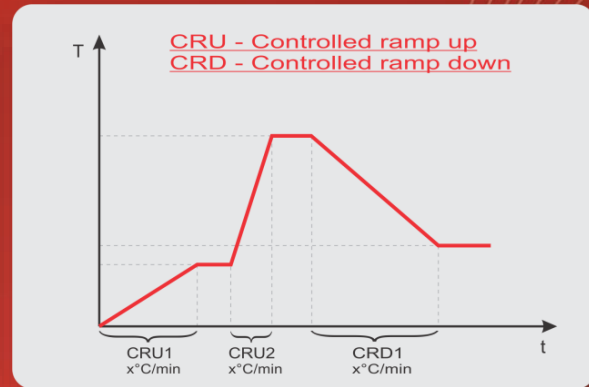
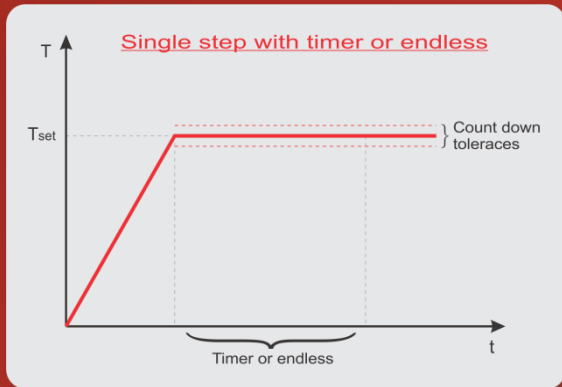
User interface:



Chamber temperature & Rh stability at 35°C and 85% Rh:



Controller functions:



Technical data:

	C3-50
	
External dimensions (WxHxD) in mm	570 x 800 x 615
Internal dimensions (WxHxD) in mm	400 x 400 x 360
Volume (L)	57
Temperature range (°C)	+10 ... +55
Temperature display resolution (°C)	0.001
Temperature set resolution (°C)	0.1
Temperature stability (°C)	STD 0.02 °C (over 30 min)
Temperature uniformity (°C)	0.5 (reference to any point in chamber)
Relative humidity range (%)	5...95
Relative humidity display resolution (%)	0.1
Relative humidity set resolution (%)	0.1
Relative humidity stability (%)	±0.2 @ 21 °C, 50%Rh (better than ±0.8 full range)
Relative humidity uniformity (%)	Less than 2% (full range)
Temperature control	Cascade PID
Relative humidity control	Mixed flow
Heating and cooling	Solid state thermoelectric
Time to stable set-point	40 min to any point in range
Power supply	230 V 50/60 Hz
Wattage (W)	800
Interface	RS 232 USB or Ethernet (accessory)
Shelve	1 (max 4)
Shelve capacity (kg)	15
Max capacity (kg)	30
Access port (mm)	1 x Ø 40 left wall as standard, Ø 40, Ø 50, Ø 90 (accessory) (different door options)
Noise (dBA) @ 1 m distance	<50
Weight (kg)	79

Ordering information and accessories:

Description	Part no.
Calibration Climatic Chamber C3-50 with trolley	2664
USB interface	1466
Ethernet interface	1716
Shelve C3-50	2553
Access Port w. Plug Ø 40 mm right or door (Access port on door excludes door with 2 flanged ports)	2629
Access Port w. Plug Ø 50 mm right or door (Access port on door excludes door with 2 flanged ports)	608
Access Port w. Plug Ø 90 mm right or door (Access port on door excludes door with 2 flanged ports)	1731
C3-50 door with 2 flanged ports	2665
Multiple layer isolative glass for door flanged port	2666
Multiple layer isolative block for door flanged port Including capped silicone ports: 2 x Ø 5 mm 2 x Ø 6 mm 2 x Ø 10 mm 2 x Ø 15 mm	2667
Multiple layer isolative block for door flanged port (for customer individual ports)	2668
RedEye C3-50 Tool (Software Monitoring & History)	1663
Evaluation report (by Kambic)	1719
Air compressor with tank	2669

Different door options:



