

STABILITY TESTING CLIMATIC CHAMBER

(+ 10 °C ...+ 60 °C)
(10 % Rh ...90 % Rh)

KK-830 CHS

KK-1300 CHS



- Perfect tool for stability testing in pharmaceutical Industry
 - Following ICH guidelines
 - Calibrated at all ICH points
 - 25°C±2°C / 60% Rh±5%
 - 30°C±2°C / 65% Rh±5%
 - 40°C±2°C / 75% Rh±5%
 - 25°C±2°C / 40% Rh±5%
 - 30°C±2°C / 35% Rh±5%
 - 40°C±2°C / 20% Rh±5%
 - GMP Qualification package available
 - Two different volumes available



Fan for internal air circulation

Access port for installation of independent sensors

Fully stainless-steel chamber with 3 side double wall for superior air distribution above each shelf even at loaded chamber

All exterior in galvanized and powder coated steel RAL-7035

Extensive heat insulation shield on all chamber sides and doors

Soft profile silicone seal to ensure perfect tightness

Controller with user friendly interface, advance settings options, RS-232, USB or Ethernet communication ports

Access port with both end plugs Ø40 as standard, Ø50 or Ø90 as accessory

2 level over temp. protection
 1. 5 °C over set point heating disabled
 2. 10°C above max. temp mechanical shut

Height adjustable stainless steel wire shelves (1 wire shelf included, extra as accessory, also perforated shelves as accessory)

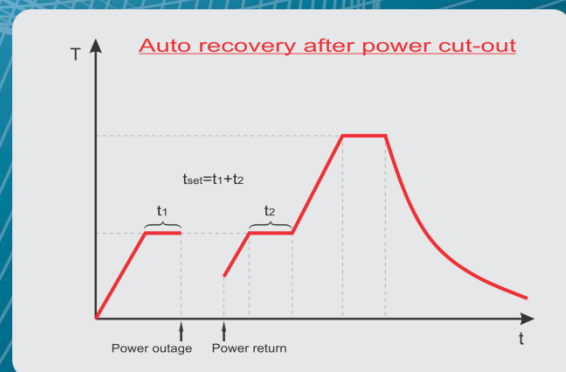
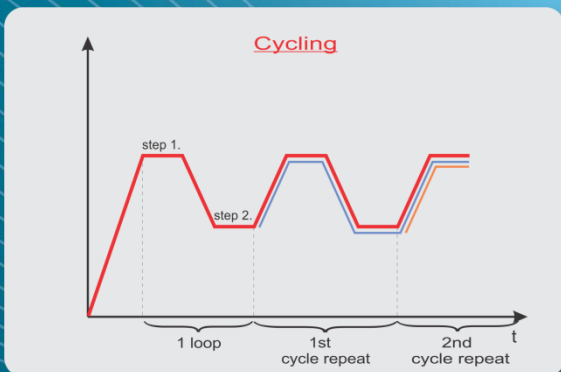
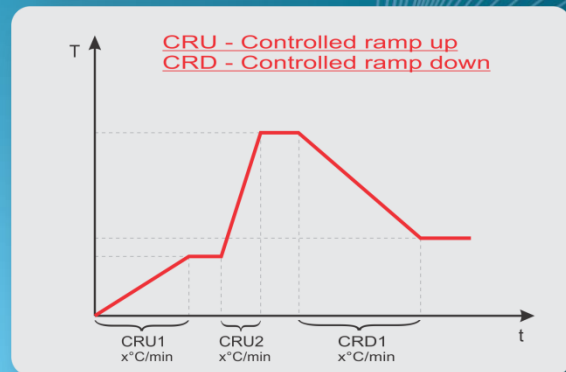
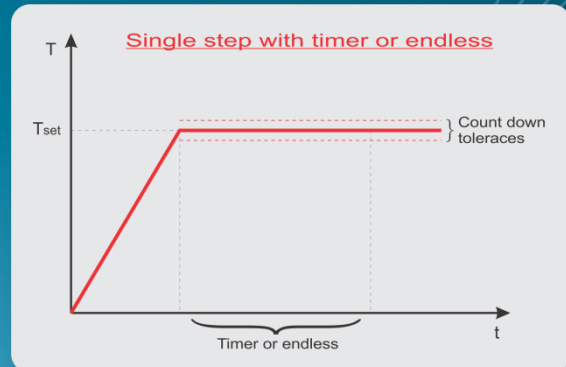
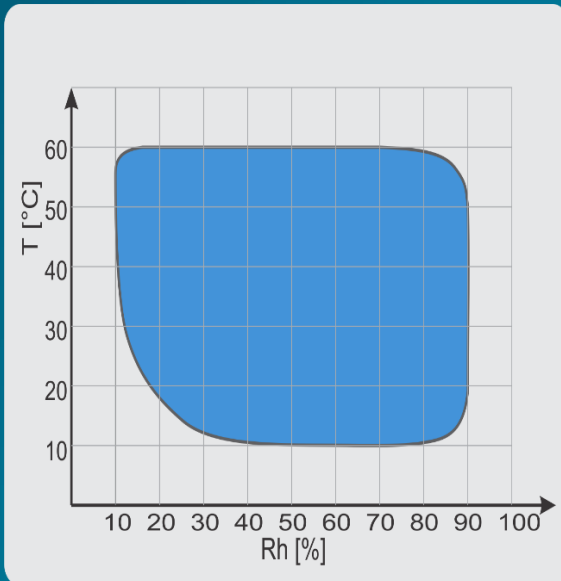
Lockable heavy duty closing mechanism

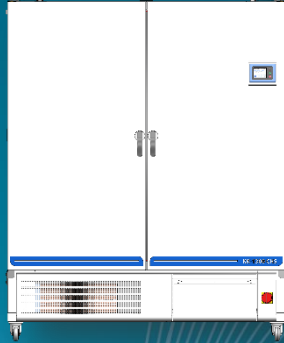
Heavy duty swivel wheels with brake for simple manipulation

Full 4 side maintenance access to ref. system

Easily accessible stainless steel water tank with level switch or option with automatic water feeding

Controller functions:



	KK-830 CHS	KK-1300 CHS
		
External dimensions (WxHxD) in mm	1145 x 1950 x 965	1600 x 1993 x 954
Internal dimensions (WxHxD) in mm	980 x 1343 x 620	1480 x 1400 x 625
Volume (L)	~ 830	~ 1300
Temperature range (°C)	+ 10 ...+ 60	+ 10 ...+ 60
Temperature display resolution (°C)	0.1	0.1
Temperature set resolution (°C)	0.1	0.1
Temperature stability (°C)	Better than $\pm 0.5^{\circ}$ @ all ICH climatic points	Better than $\pm 0.5^{\circ}$ @ all ICH climatic points
Temperature uniformity (°C)	Better than $\pm 1,5^{\circ}\text{C}$ @ all ICH climatic points	Better than $\pm 1,5^{\circ}\text{C}$ @ all ICH climatic points
Relative humidity range (%)	10...90 (see graph, page3)	10...90 (see graph, page3)
Relative humidity display resolution (%)	1	1
Relative humidity set resolution (%)	1	1
Relative humidity stability	Better than $\pm 3\%$ @ all ICH climatic points	Better than $\pm 3\%$ @ all ICH climatic points
Temperature control	PID	PID
Relative humidity control	Dew point humidity control	Dew point humidity control
Power supply	230V, 50/60Hz	230V, 50/60Hz
Wattage (W)	3200	3200
Interface	RS 232 (USB as accessory)	RS 232 (USB as accessory)
Shelve	1 (max 10)	1 (max 10)
Shelve capacity (kg)	50 (surface distributed load)	50 (surface distributed load)
Max capacity (kg)	250	250
Access port (mm)	\varnothing 40 standard, (\varnothing 50, \varnothing 90 as accessory)	\varnothing 40 standard, (\varnothing 50, \varnothing 90 as accessory)
Noise (dBA) @ 1 m distance	~ 62	~ 65
Weight (kg)	420	560

Ordering information and accessories:

Description	Part no.
Stability testing Climatic chamber KK-830 CHS	2813
Stability testing Climatic chamber KK-1300 CHS	2814
Shelve wire KK-830 CHS	2815
Shelve wire KK-1300 CHS	2816
Shelve perforated KK-830 CHS	2817
Shelve perforated KK-1300 CHS	2818
Access Port w. Plug Ø 40 mm right	2629
Access Port w. Plug Ø 50 mm right	608
Access Port w. Plug Ø 90 mm right	1731
Observation window with illumination 370x420mm	252
Automatic water feeding	1744
USB interface	1466
KK-Tool (Software Monitoring & History)	1663
Password protection	1718
Evaluation report	1719
GMP Qualification package (DQ, FAT, IQ, OQ)	1769
A4 Printer (continuous paper)	85
Digital printing on SD card (12 months memory data capacity)	1172

