

Ultra-Fast Temperature Chamber

TK-1800 CKLTUF



- Extended temperature range from -40°C to $+200^{\circ}\text{C}$
- Ultrafast cool down rate $13^{\circ}\text{C}/\text{min}$ (EN 60068-3-5)
- Huge heat compensation capacity 8 kW @ -30°C , 3 kW @ -40°C
- Water-cooled single-stage refrigeration system
- Tailored multiple access ports
- Safety Electro locking door mechanism
- Heavy duty door lock mechanism
- Double wing door without central pillar
- Fully programmable user-friendly controller

Temperature



Kambič d.o.o. Metliška cesta 16, SI-8333 Semič, Slovenia - EU,
T: +386 (0)7 35 65 220, F: +386 (0)7 35 65 232,
info@kambicmetrology.com, info@kambic.com, www.kambic.com, www.kambicmetrology.com





Device specifications:

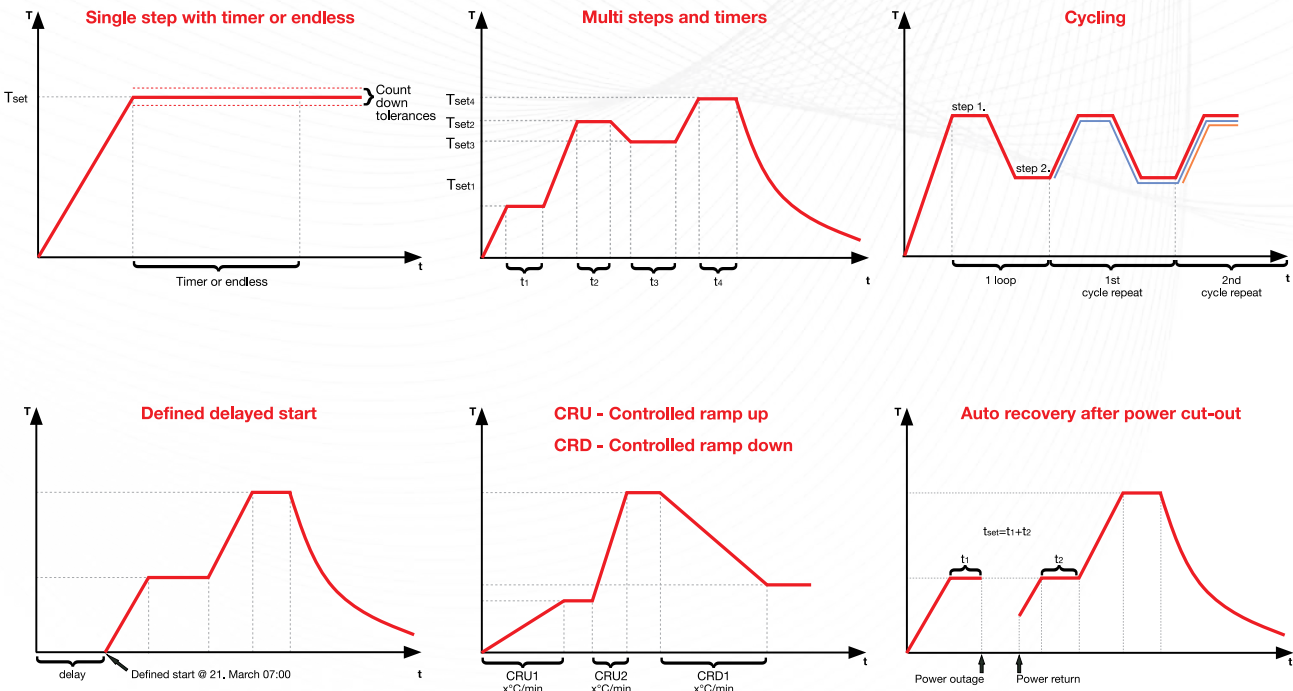
- Digital PID temperature control
- Forced convection with fan
- All round edges interior design
- All stainless steel interior
- All exterior in galvanized and powder coated steel RAL-7035
- Extensive heat insulation shield on all chamber sides and doors
- Heated observation window with chamber LED illumination



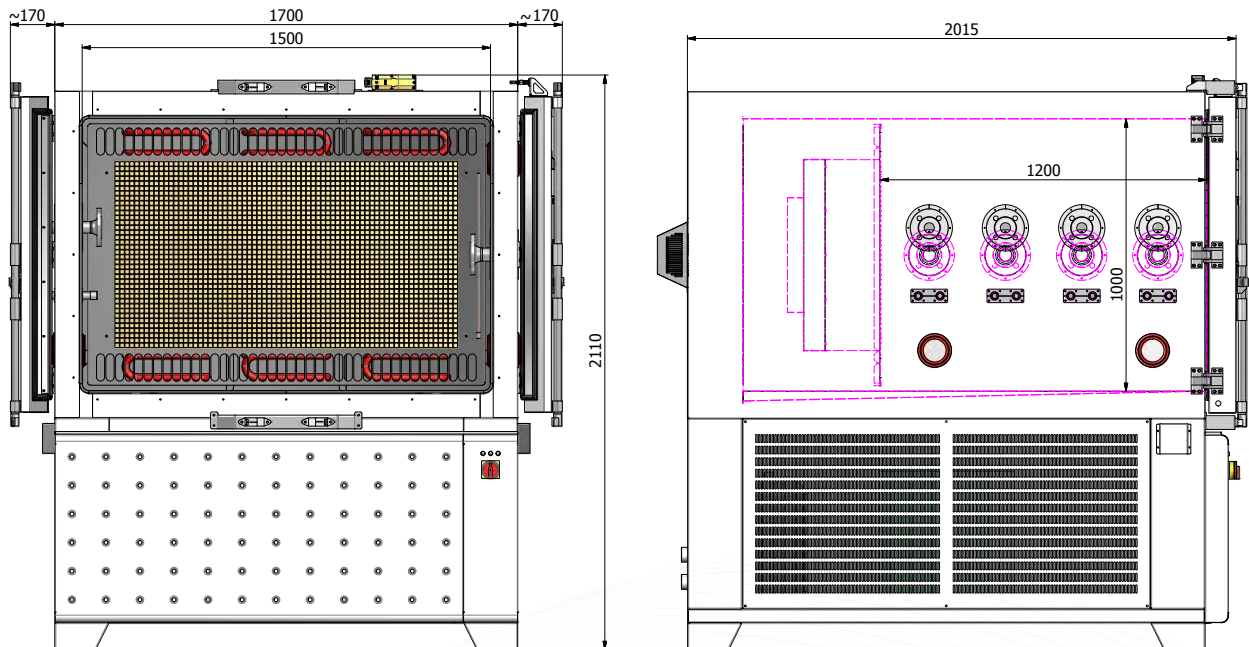
Technical Data:	TK-1800 CKLTUF
External dimensions (WxDxH) in mm	1700 x 2015 x 2110
Internal dimensions (WxDxH) in mm	1500 x 1200 x 1000
Volume (L)	1800
Temperature range (°C)	-40 °C...+200 °C
Temperature display resolution (°C)	0.1
Temperature set resolution (°C)	0.1
Cool-down rate (EN 60068-3-5)	~ 13 °C/min
Heat-up rate (EN 60068-3-5)	~ 5 °C/min
Temperature stability (°C)	± 0.1...± 0.4
Temperature uniformity	± 0.7°C @ -40°C ± 0.7°C @ 0°C ± 0.7°C @ +50°C ± 0.7°C @ +100°C ± 1.9°C @ +200°C
Heat compensation capacity	8 kW @ -30°C 3 kW @ -40°C
Temperature control	PID
Power supply	3x400V; 50 Hz
Wattage (W)	24000
Interface	RS 232 or USB or Ethernet
Weight (kg)	~1100



Controller functions:



Dimensions:



Cool-down rate +200°C...-40°C

