

Ultra-Fast Temperature Chamber for field use

TK-1000 CKLTUF

- Temperature range extended from -50°C to +180°C
- Fast cool down rate 6°C/min (EN 60068-3-5)
- Air-cooled single-stage refrigeration system designed for tropical environment
- Single wing door for maximum accessibility
- Fully programmable user-friendly controller
- Enveloped in heavy duty container for safe transportation and field use

Temperature



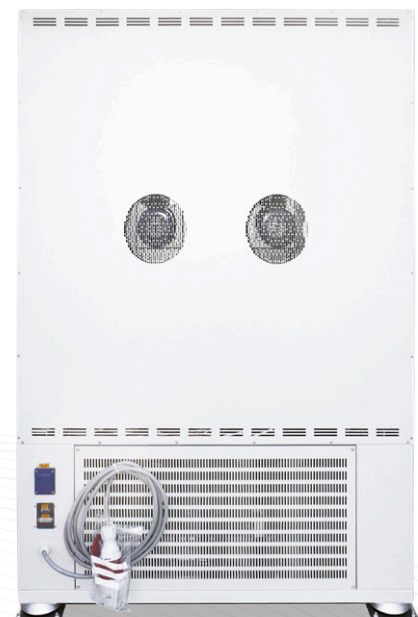
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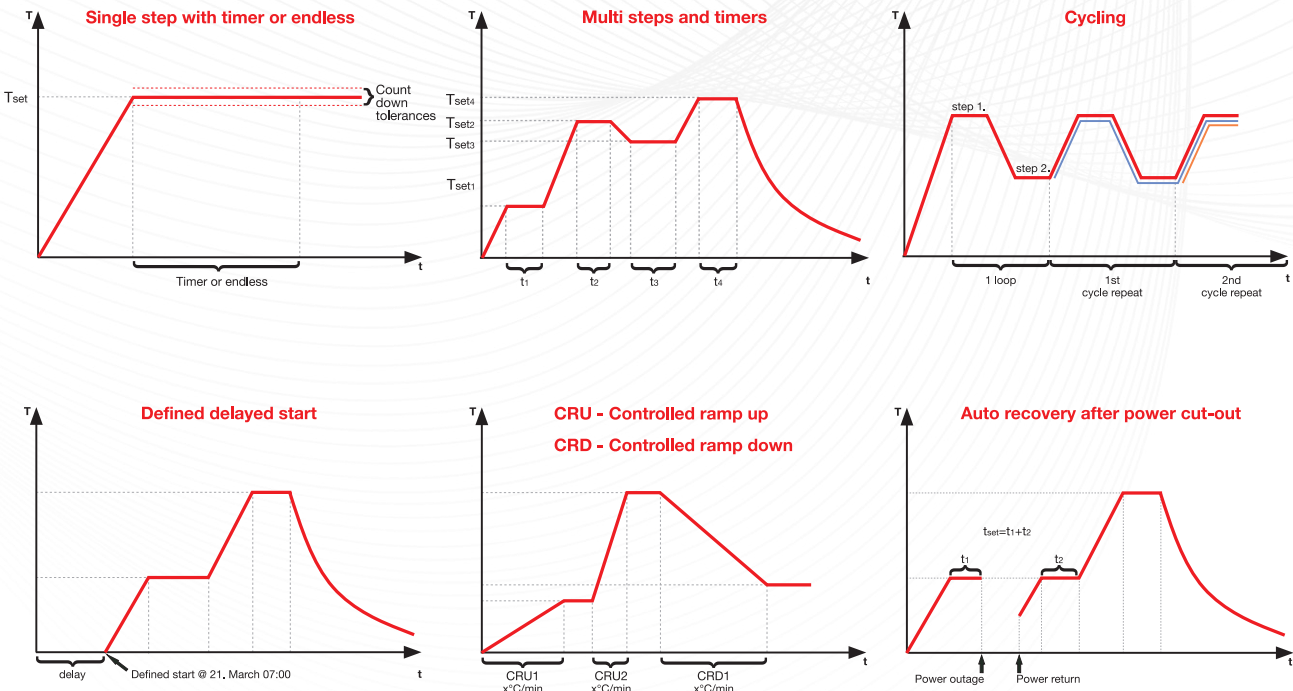
Device specifications:

- 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
- Standard accessories available

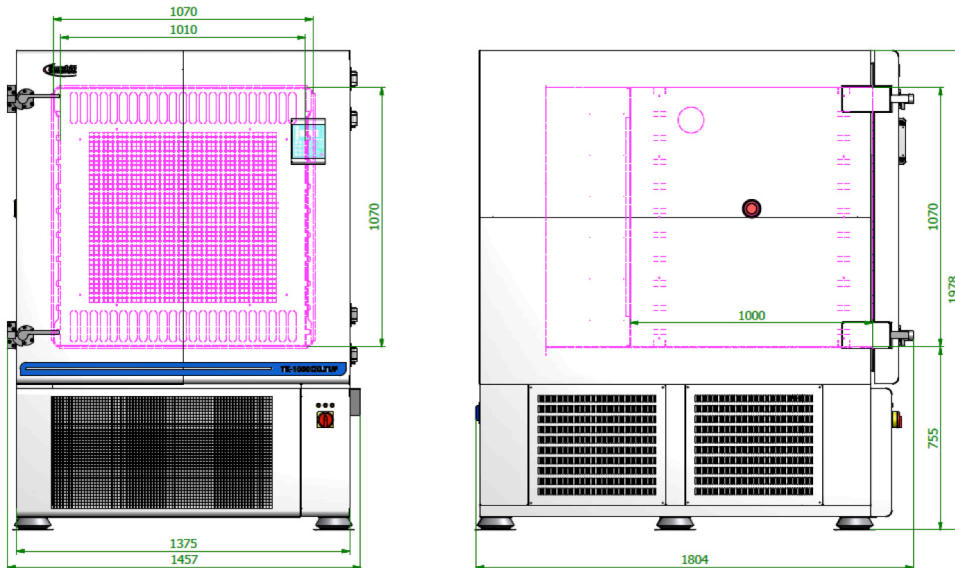


Technical Data:	TK-1000 CKLTUF
Internal dimension (WxDxH) in mm	1000 x 1000 x 1000
External dimensions (WxDxH) in mm Chamber	1460 x 1810 x 1980
External dimensions (WxDxH) in mm Container	1900 x 2100 x 2265
Volume (L)	1000
Temperature range (°C)	-50 °C...+180 °C
Temperature display resolution (°C)	0.1
Temperature set resolution (°C)	0.1
Cool-down rate (EN 60068-3-5)	~ 6 °C/min
Heat-up rate (EN 60068-3-5)	~ 5 °C/min
Temperature stability (°C)	± 0.1...± 0.4
Temperature uniformity	± 0.9°C @ -40°C ± 1.2°C @ 0°C ± 0.6°C @ +75°C ± 2.0°C @ +180°C
Temperature control	PID
Power supply	3x400V; 50 Hz / 25A
Wattage (W)	14000
Interface	RS 232 or USB or Ethernet
Weight (kg)	~825 (chamber)
Weight (kg)	~1520 (chamber in container)

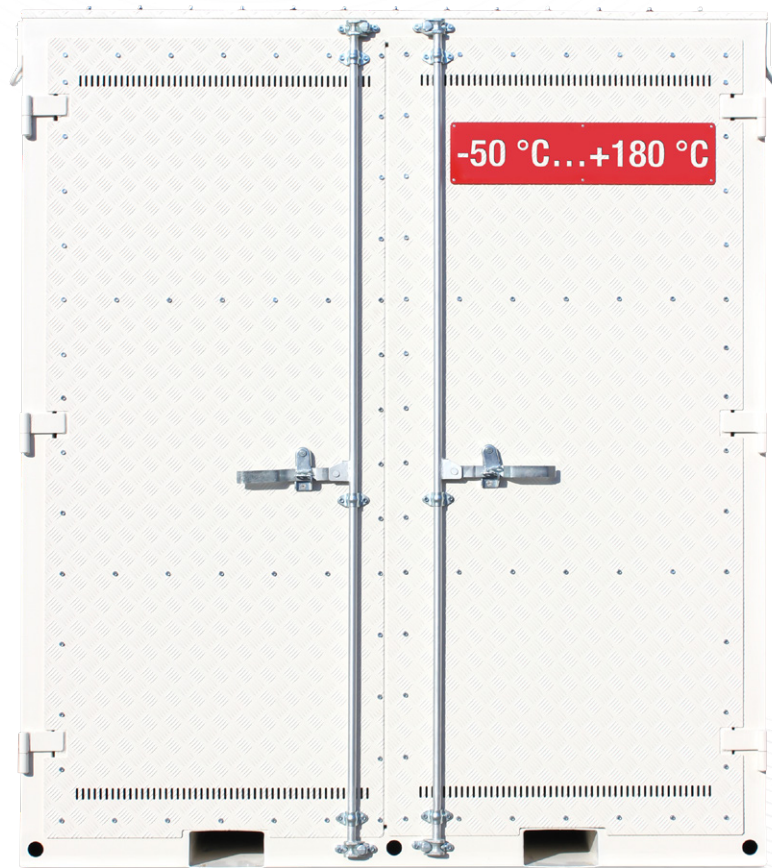
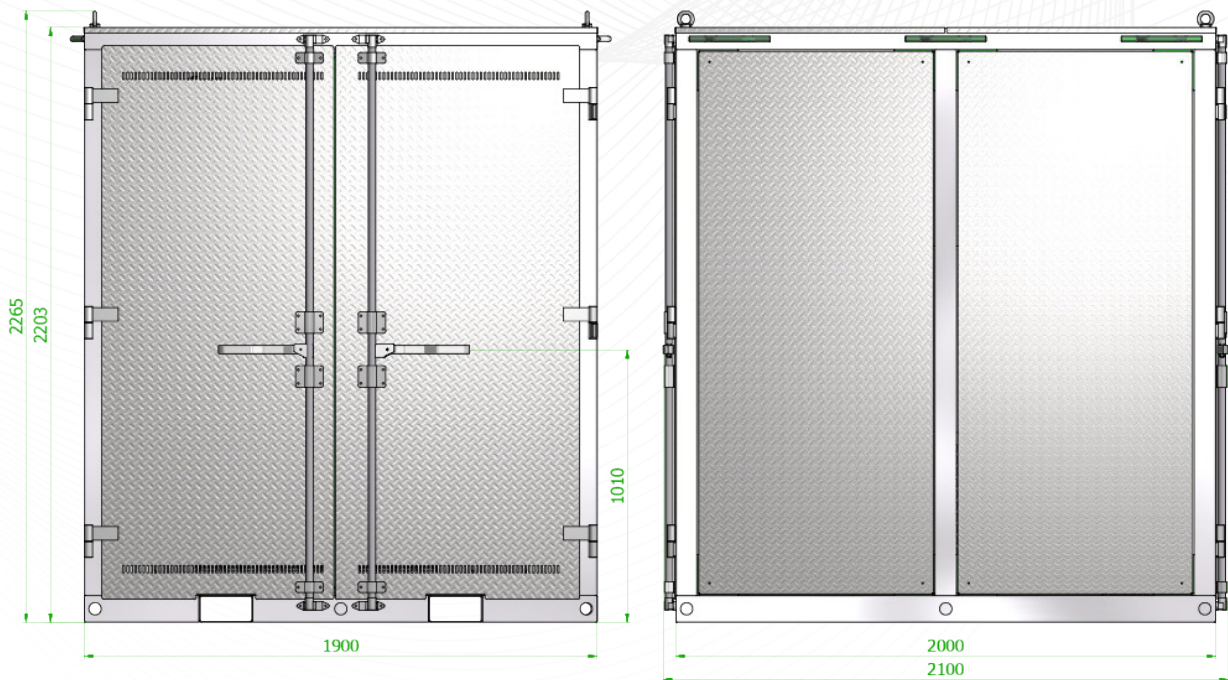
Controller functions:



Chamber dimensions:



Chamber in container dimensions:



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