

19" SERVER RACK

AIR BATH

(+ 15 °C ...+ 35 °C)

TK-19 R

Refined solution for ultra-stable air temperature environment 24/7, 365:

- 19-inch server rack size
- Dry, clean, stable, silent, storage for standard resistors
 - Access for Cables via two section upper cover
 - Uniformity and stability in mK range
 - Peltier driven technology
 - Cascade PID control





Peltier driven technology with fan for internal air circulation

Cable ports

Two section upper cover with extensive heat insulation

Fully stainless steel chamber with double skin creating chamber in chamber environment for superior temperature uniformity

Carrying handle (left and right)

Touch screen based controller with user friendly interface, history graph, advance settings options

All exterior in powder coated Aluminum RAL 7035

Extensive heat insulation shield on all chamber sides and cover

Rack kit for 19" installation included

Power cord connection

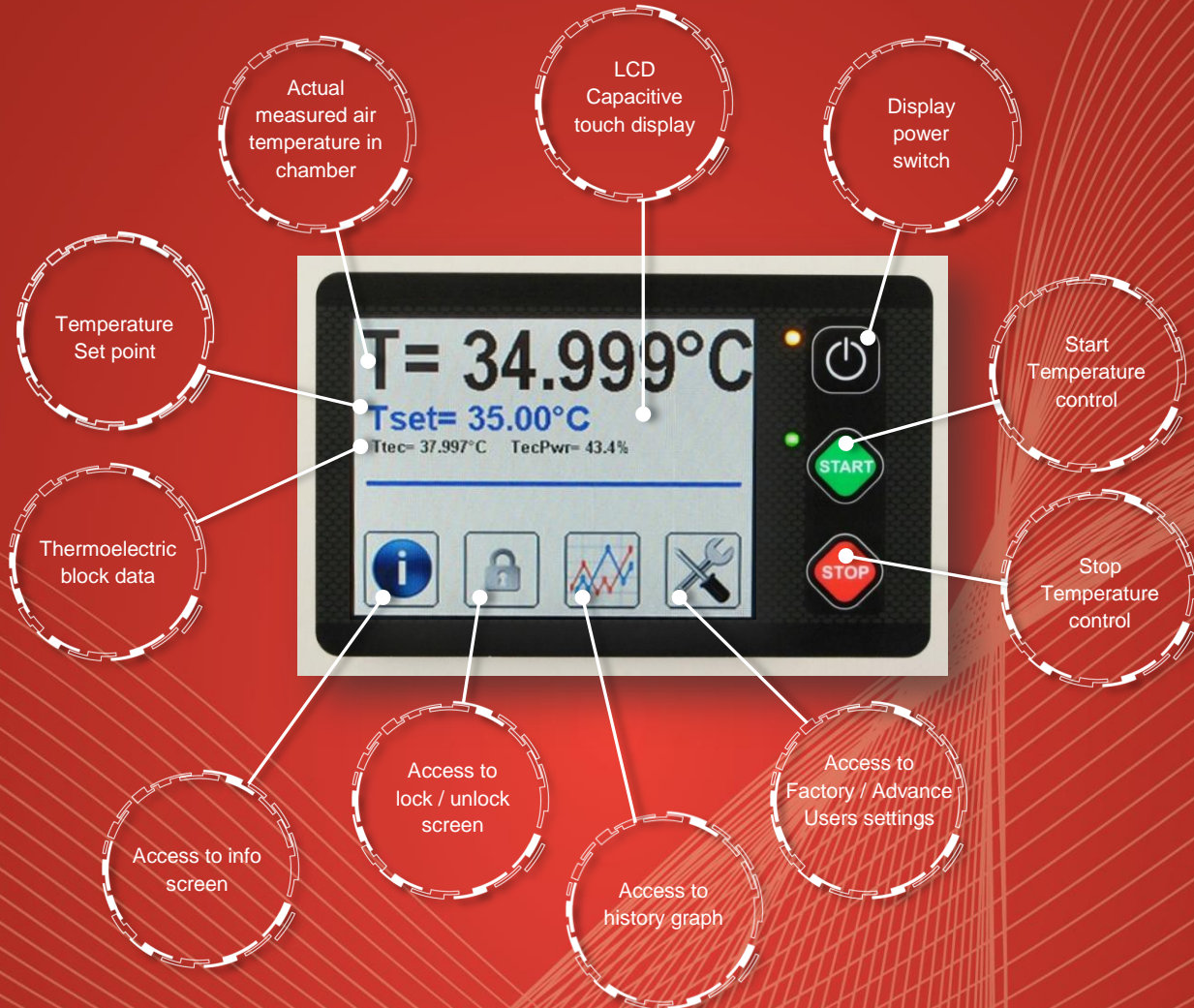
Rubber legs

USB port

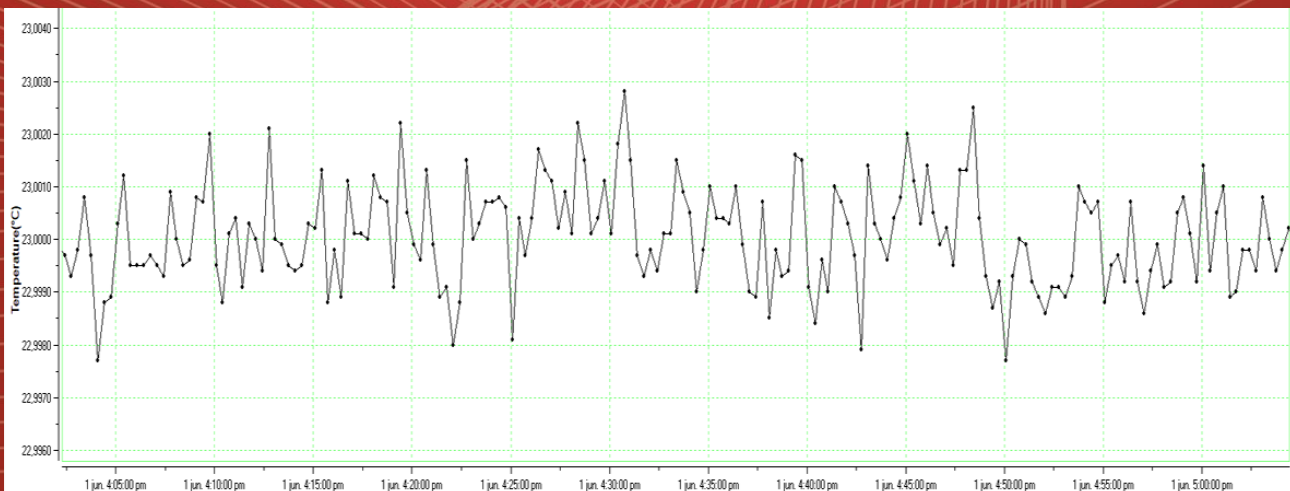
RS-232 PC port

Main switch


Controller functions:



Chamber temperature stability graph: ± 0.003 @ 23 °C



Technical data:

	TK-19 R
	
External dimensions (WxHxD) in mm	355 x 403 x 467
Internal dimensions (WxHxD) in mm	208 x 266 x 235
Volume (L)	~ 13 (Capacity of up to 4 Tinsley standard resistors)
Temperature range (°C)	+ 15 ...+ 35
Temperature display resolution (°C)	0.001
Temperature set resolution (°C)	0.001
Temperature stability (°C)	± 0.003 @ 23 °C
Temperature uniformity (°C)	± 0.006 @ 23 °C
Temperature Control	Cascade PID
Power supply	230 V 50/60 HZ (± 10 %)
Wattage (W)	200
Interface	RS 232 and USB (Ethernet as option)
Weight (kg)	~ 21,5

*All performance in controlled stable environment, $T_{\text{ambient}} = 22 \text{ °C} \pm 3 \text{ °C}$!

Ordering information and accessories:

Description	Part no.
Air bath TK-19 R	2899
Ethernet interface	1716
Password protection	1718
Evaluation report performed by Kambic	1719
Evaluation report (Accredited ISO/IEC 17025:2017)	1777
TK-Tool (Monitoring and data collection software)	104

