THERMAL SHOCK TEST CHAMBER



4634 Orkney Drive, Missouri City 77459, Texas

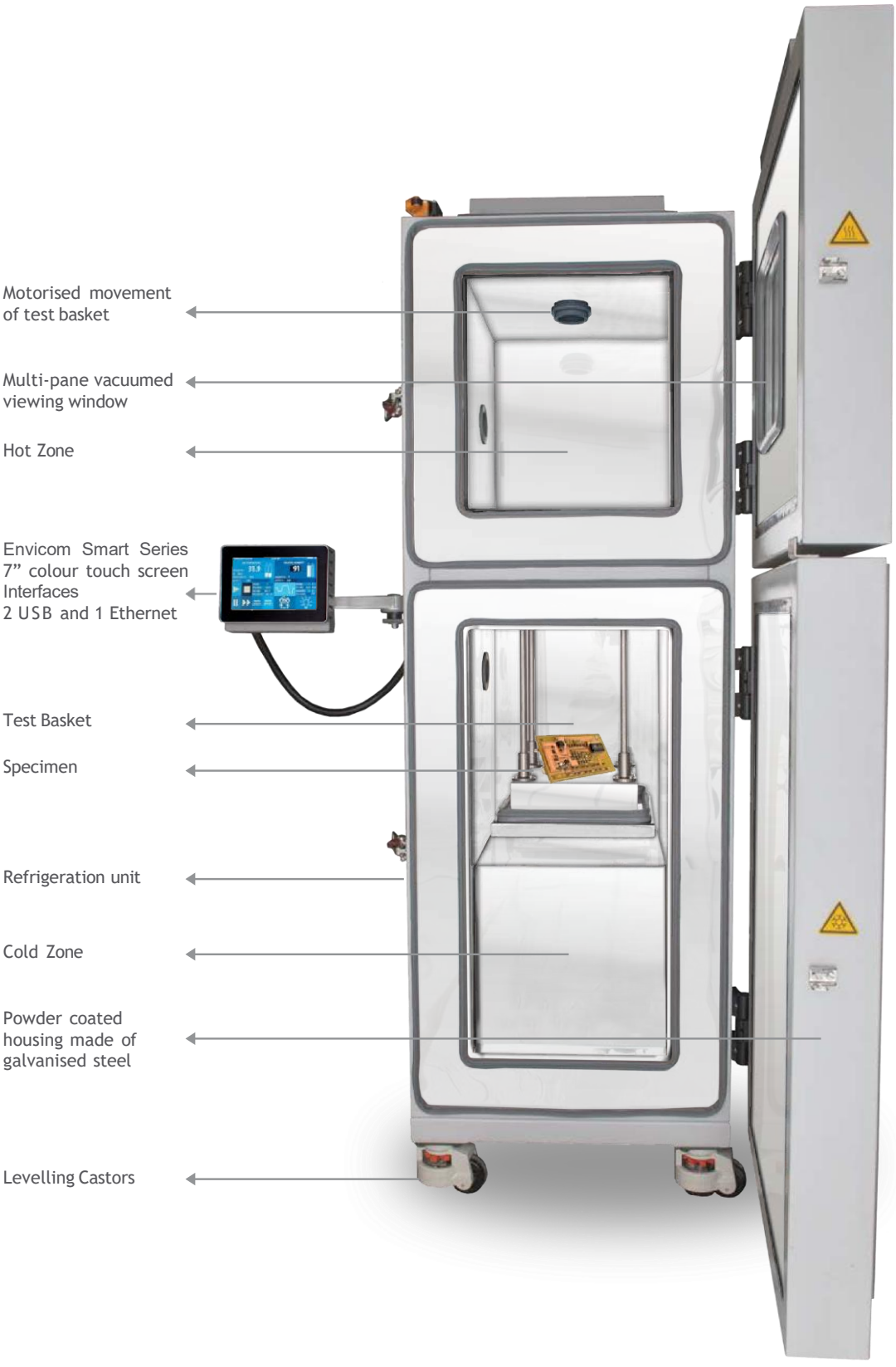
THERMAL SHOCK CHAMBER

The KTS series of chambers are designed for the most stringent thermal shock tests such as MIL & IEC.



MODELS

Models	KTS 25-B2	KTS 64-B2	KTS 120-B2	KTS 340-B2
Test Basket Dimension (WXDXH)	250 x 250 x 400 [mm] 10 x 10 x 16 [In]	400 x400 x 400 [mm] 16 x 16 x 16 [In]	550 x 550 x 400 [mm] 22 x 22 x 16 [In]	700 x 700 x 700 [mm] 27.5 x 27.5 x 27.5 [In]
Test Basket Volume	25 Ltr / 0.9 Cuft	64 Ltr / 2.3 Cuft	120 Ltr / 4.2 Cuft	340 Ltr / 12 Cuft
Hot ZoneTemperature Range	50°C to + 200°C / 122°F to + 392°F			
Cold ZoneTemperature Range	50°C to - 70°C / 122°F to - 94°F			
Basket Transition	< 10 sec			
Recovery Time	< 5 min			


Motorised movement of test basket
Multi-pane vacuumed viewing window
Hot Zone
Envicom Smart Series 7” colour touch screen Interfaces 2 USB and 1 Ethernet
Test Basket
Specimen
Refrigeration unit
Cold Zone
Powder coated housing made of galvanised steel
Levelling Castors

HORIZONTAL THERMAL SHOCK CHAMBER



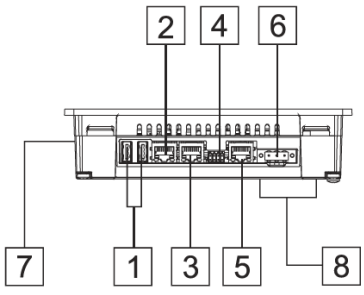
Model	Thermal Shock Chamber
Test Space (W X DX H) (mm)	1200 X 900 X 800
Basket Transition Time	< 10 sec
Temperature Range (°C)	-70 to +180
Test Space Volume(L)	860
Basket Movement	Horizontal

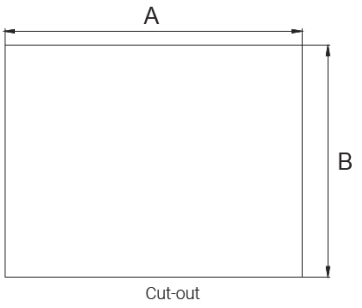
enviCoM™ 4.0

Open architecture control platform for connected environmental testing

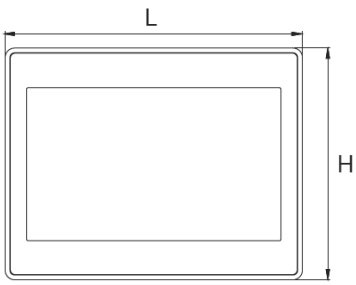


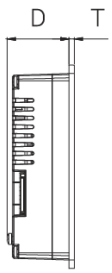
- Industry 4.0 Product Concept
- HW and FW Optimised for Extremely Fast Operation
- System and Project Rapid Boot-Up
- OS Linux RT
- JMobile – the software that powers the X Platform
- CODESYS V3 with Ethernet I/O Stacks
- Multitouch and Gesturing
- Brilliant Display
- Wide Angle Visibility
- Beautiful 16,000,000 Colors
- Resistant to Scratches, UV and Chemicals
- Total Glass Design
- Network Separation possibile via Up to 3 Ethernet
- Networks with different IP addresses
- Plug in Modules for System Expansion
- IECEx, ATEX, DNV-GL, UL certification: Ordinary and Class 1 Div 2





Cut-out





1 USB ports 1 and 2
2 Ethernet port 2 (10/100 Mb)
3 Ethernet port 1 (10/100 Mb)
4 Serial port
5 Ethernet port 0 (10/100/1000 Mb)
6 Power supply
7 SD Card slot
8 2 Expansion slots for plugin modules

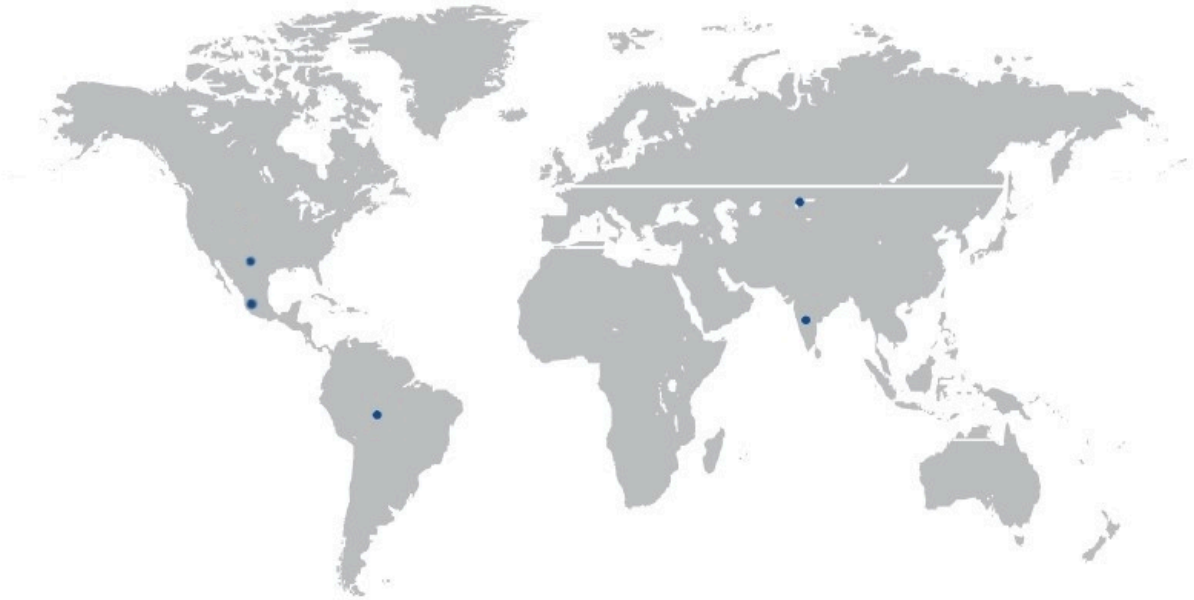
Ethernet port	3 (port 0 - 10/100/1000, port 1 - 10/100, port 2 - 10/100)
USB port	2 (Host V2.0, max. 500 mA)
Serial port	1 (RS-232, RS-485, RS-422, software configurable). Max 3 serial ports using plug-in modules.
SD card	Yes
Expansion	2 slot for plug in modules

PRESENCE

EUROPE
Hungary
Poland
Russia
Turkey
UK

ASIA
India
Indonesia
Iran
Singapore
Thailand
Vietnam
UAE

NORTH AMERICA
Mexico
USA



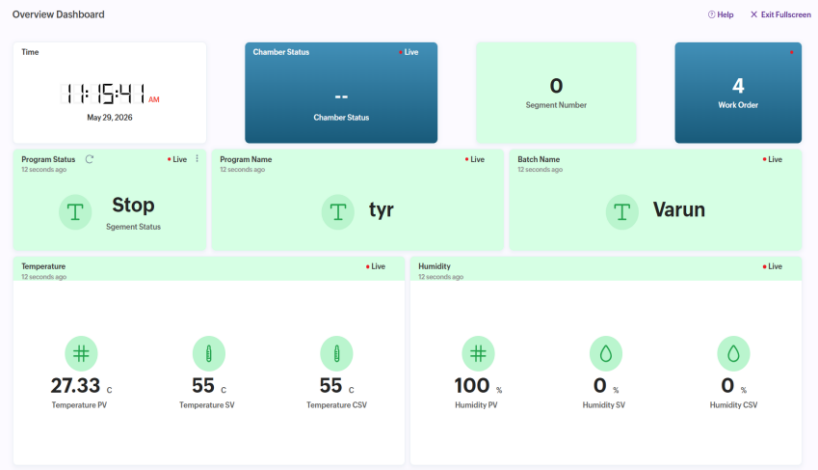


THEY TRUST US



Levito IOT:

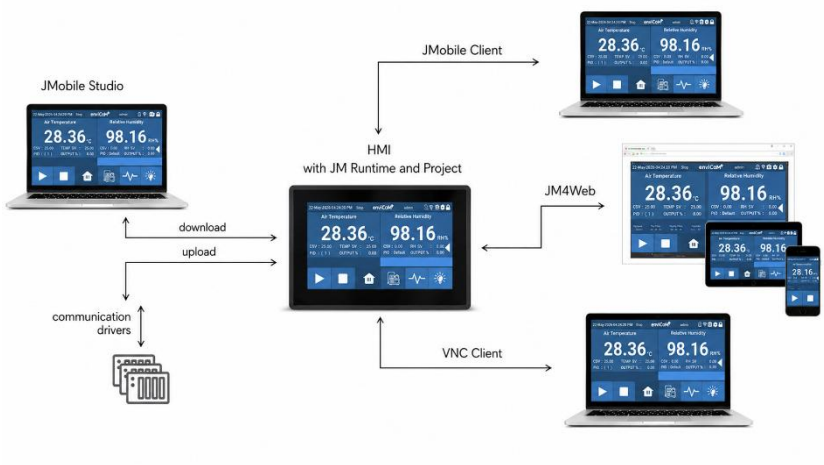
MQTT and IoT cloud layer for dashboards, alerts, and analytics



- MQTT broker enables IoT communication for industrial sensors and machines
- Levito IoT cloud provides real-time monitoring and remote visibility
- Dashboards track temperature, humidity, compressor status, and energy
- Alarm notifications, maintenance reminders, and cycle-end reports
- Cloud backup supports historical analysis and reporting

J-Mobile Remote Diagnostics & Support:

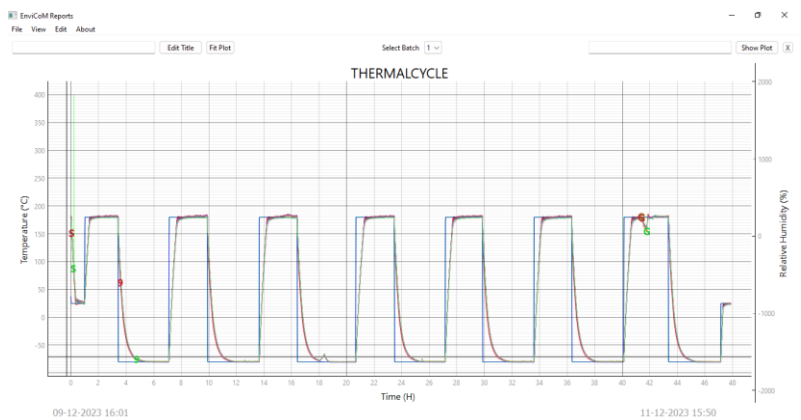
Mobile remote monitoring, notification, and troubleshooting support



- Monitor temperature, humidity, setpoints, and chamber status in real time
- Remote start/stop and basic operational control
- Alarm and event notifications for quick response
- Secure authentication with access-level management
- Remote diagnostics help reduce downtime and speed support

enviCoM™ 4.0 Reports

CSV-to-report workflow with graphs, alarms, events, and PDF output



- Convert CSV batch files into formatted reports
- Generate graphical test data representation with alarm codes
- Create PDF reports with test results and custom report fields
- Produce alarm, event, and historical data reports