



TESTING SOLUTIONS

IRRADIATION TEST BENCH

B_23164



The B_23164 test bench is designed for simulated solar radiation tests on laminated glass.

The machine is able to perform radiation tests:

- at constant power;
- at constant temperature;
- following increasing temperature profiles;
- following profiles with cooling option.

TECHNICAL DATA:

- Full power: 2250W
- Emission peak: 1200nm
- Max temperature: 120 °C
- N° single lamps: 9

INSTRUMENTATION:

- Temperature: n° 3, direct contact, n° 1 exposed joint, tcJ, IEC 584 1,2

SAFETY DEVICES:

- Inability to start the cycle with opened doors
- Magnetic restraint safety microswitch
- Emergency mushroom button
- Maximum temperature thermostat

POWER SUPPLY:

- Electric: 230 Vac - 50 HZ - 16A

DIMENSIONS AND WEIGHT:

- L, p, h: 2370 x 1000 x 1280mm
- Raw weight: ~ 600 kg

COLOR:

- Standard: Gray RAL 7035

NOTES:

- Customizable on demand.



A removable casing allows the positioning and reference of the glass by means of mechanical support devices, in the area outside the test chamber, to facilitate the ergonomics of work.

3 probes with ground joint with the glass detect the temperature in points definables by the user, while another probe, with exposed joint, highlights the temperature trend in the test chamber



Using a specific PID temperature controller, with 4 control zones, the machine allows the complete definition of a thermal test cycle that can be freely set by the operator.

The instant view of the trends of the quantities concerned over time and the complete recording of the test conditions, with adjustable frequency, can be recorded in the main tab formats.

Log files can be exported for post-processing and/or verification in .csv format.

GUI can be shown in multiple languages