

GEMINI 700 LRI

High capacity portable calibration dry block, 50°C to 700°C – Removable block

Gemini 700 LRI is a portable calibration dry block for temperature thermometers from 50°C to 700°C. It has a high capacity to allowing a large number of probes to be calibrated together. They are also suitable to accept large diameter probes with the block volume of 65 x 160 mm.

Description

Gemini 700 LRI is a portable calibration dry block for temperature thermometers from 50°C to 700°C. It has a high capacity to allowing a large number of probes to be calibrated together. They are also suitable to accept large diameter probes with the block volume of 65 x 160 mm.

Whilst the large block takes longer to heat and cool than other models, it can calibrate thermocouples, resistance thermometers, thermostats and sensors that are too large for the smaller blocks.

Gemini 700 LRI comes with a removable block of 8x 8 mm holes.

Gemini 700 LRI is available in two models, the BASIC (B) and the SITE (S).

The B model includes a sophisticated temperature controller with a dual display for set temperature and dry block temperature.

The S model additionally includes an in-built temperature digital indicator to which an external temperature sensor can be connected, giving greater accuracy eliminating temperature gradient and loading errors.

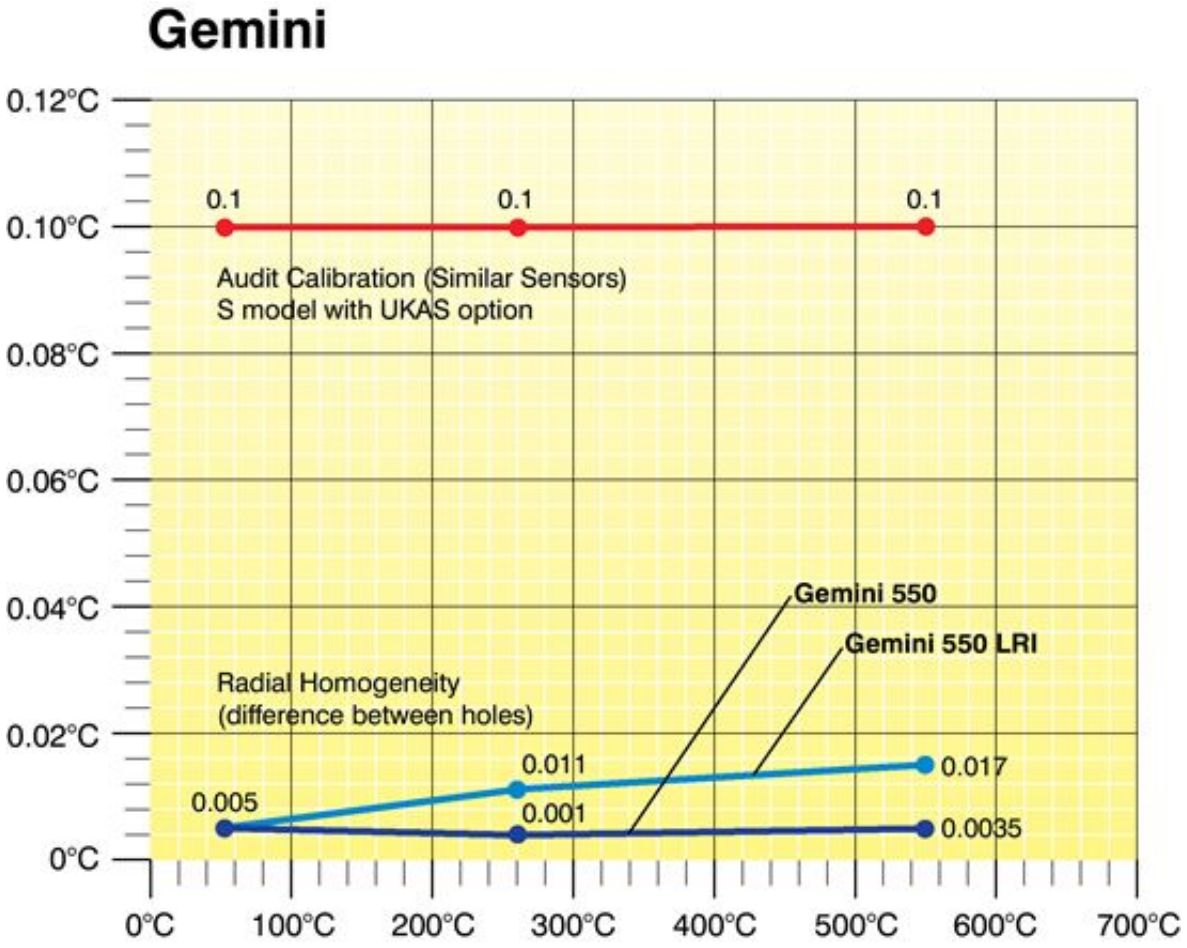
For laboratory accuracy, Gemini 700 LRI can be used with high-end temperature indicator.

Key features:

- Large calibration volume: 64 x 160 mm depth
- Wide operating range: 50°C to 700°C
- High capacity block

Specifications

Temperature range	50°C to +700°C
Absolute stability over 30 min	±0.03°C at 250°C ±0.04°C at 550°C ±0.05°C at 700°C
Heating time	50°C to 700°C: 120 min
Performances	Refer to uncertainty graph below
Calibration volume	64 x 160 mm depth Removable 8x 8 mm Depth: 154 mm



General specifications

Size	302 x 176 x 262 mm
Weight	18 kg

Display	Resolution: 0.01 to 99.99 and 0.1 to 100.0 / 650.0 Units: °C, °F, K
Power supply	100 / 120 V (50 / 60 Hz) or 200 / 240 V (50 / 60 Hz) 1000 Watts
Communication ports	RS 232

Models and accessories

Instrument:

Gemini 700 LRI B Portable dry block calibrator – Basic model

Delivered in standard with:

- Removable standard insert with 8 holes of diameter: 8x 8 mm, depth: 154 mm
- Cal Notepad software
- Serial communication cable
- User manual
- Traceable certificate

Gemini 700 LRI S Portable dry block calibrator – On Site model

Delivered in standard with:

- Removable standard insert with 8 holes of diameter: 8x 8 mm, depth: 154 mm
- Cal Notepad software
- Serial communication cable
- User manual
- Traceable certificate
- Built-in digital indicator
- Connector for probe 935-14-72/DB
- Connector for probe 935-14-63

Metal block bath:

976-07-02a	Additional standard insert of diameter: 8x 8 mm Depth: 154 mm
976-07-02b	Blank insert
976-07-02c	Non-standard insert
935-14-72/DB	Semi standard platinum resistance thermometer Pt100
935-14-63	Type N thermocouple – 35°C to 700°C
UKAS	5 point comparison calibration

Other accessories:

931-22-65	Carrying case

Packing information:

Size	302 x 176 x 262 mm
Weight without packing	18 kg