



## GEMINI 550 LRI

High capacity portable calibration dry  
block, 35°C to 550°C – Removable  
block

Gemini 550 LRI is a portable calibration dry block for temperature thermometers from 35°C to 550°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 550 LRI is a portable calibration dry block for temperature thermometers from 35°C to 550°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 550 LRI comes with a removable block of 8x 8 mm holes.

Gemini 550 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 550 LRI can be used with high-end temperature indicator.

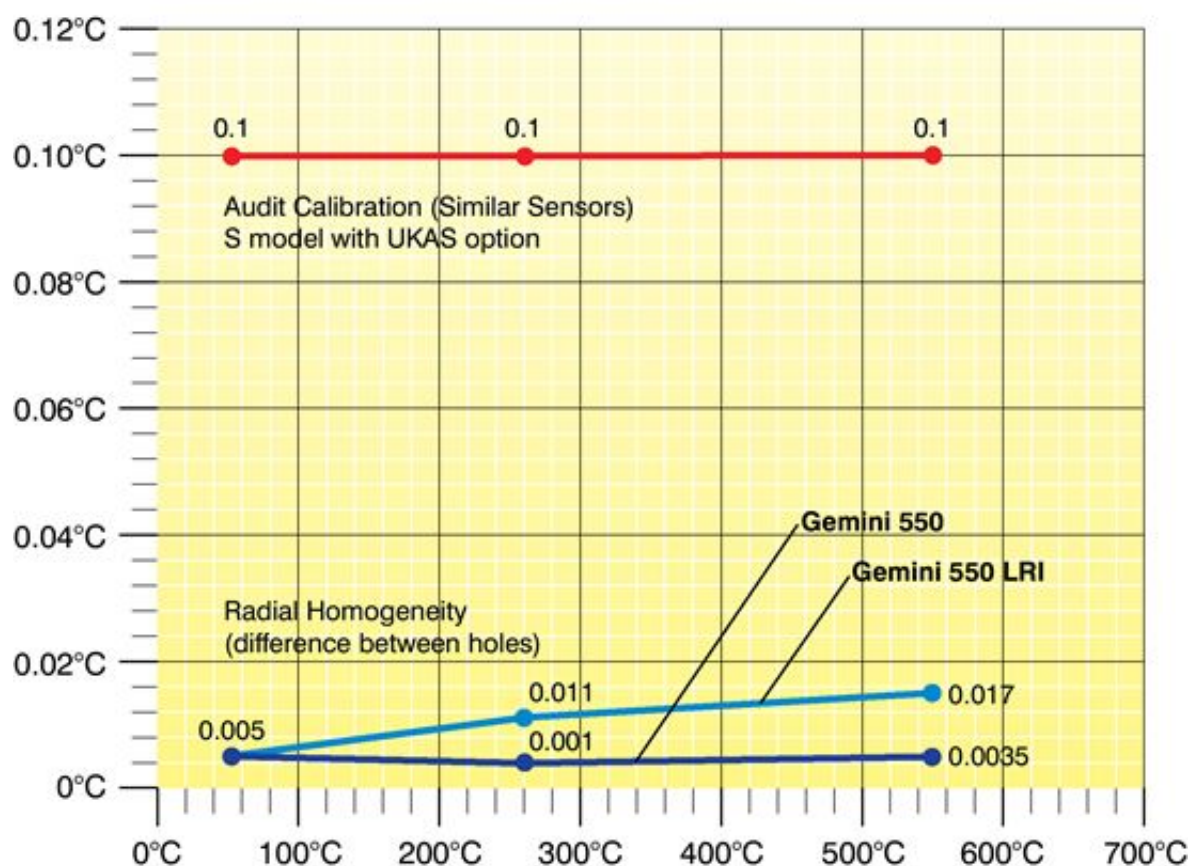
### Key features:

- Large calibration volume: 64 x 160 mm depth
- Wide operating range: 35°C to 550°C
- High capacity block

## Specifications

Temperature range	35°C to +550°C
Absolute stability over 30 min	±0.02°C at 35°C ±0.03°C at 250°C ±0.04°C at 550°C
Cooling time	550°C to 275°C: 132 min 550°C to 60°C: 420 min
Heating time	30°C to 550°C: 60 min
Performances	Refer to uncertainty graph below
Calibration volume	64 x 160 mm depth Removable 8x 8 mm Depth: 154 mm

### Gemini



## General specifications

Size	302 x 176 x 262 mm
------	--------------------

Weight	8.5 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 550 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 550 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

### Metal block bath:

976-07-01a Additional standard insert of diameter: 8x 8 mm

Depth: 154 mm

976-07-01b Blank insert

976-07-01c Non-standard insert

935-14-72/DB Semi standard platinum resistance thermometer Pt100

UKAS 5 point comparison calibration

### Other accessories:

931-22-65 Carrying case

### Packing information:

Size 302 x 176 x 262 mm

Weight without packing 8.5 kg