

**-25°C to 70°C**

# Dry Block & Liquid Bath Calibrator **GALOS**

- including Dry Block and Liquid Bath
- 65mm x 160mm Calibration Volume
- FAST-CAL

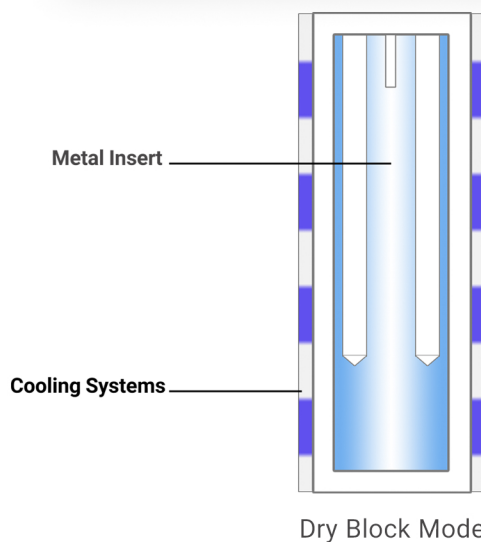
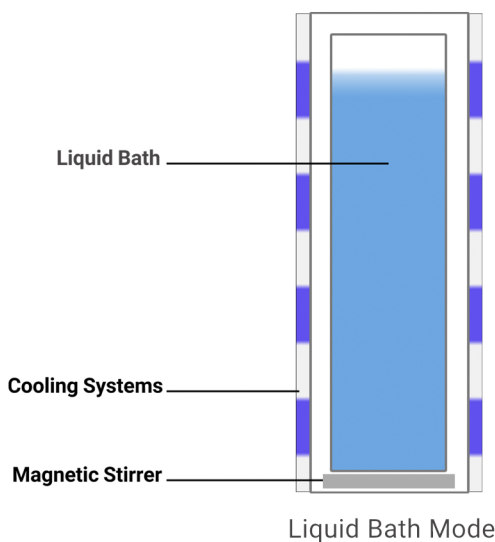
These model will calibrate temperature probes from -25°C to 70°C with unrivalled Stability. As a traditional Dry Block, several thermometers can be quickly calibrated. Accessories are available to convert to a stirred liquid bath ,for surface sensor calibration, to calibrate infrared thermometers. With excellent stability and distributed heating cooling zones for good uniformity these calibrators offer proven thermal performance. These calibrator are easy to use and are available in three versions – the Basic ,the Site and the Advanced. The Basic has a digital display of set and nominal temperature, the Site additionally includes an in-built independent temperature indicator for a reference probe Advanced models additionally include software to manage logged data and configure the unit.

## Benefits

This calibrator has important features that can affect the calibration process. Portability is one of the most important features of GALOS. Fast-cal capability has also become a widely used equipment in laboratories. In the comparison method, two parameters of stability and uniformity are effective in uncertainty calculations. High stability and uniformity throughout the galos range has increased the quality of the calibration process.

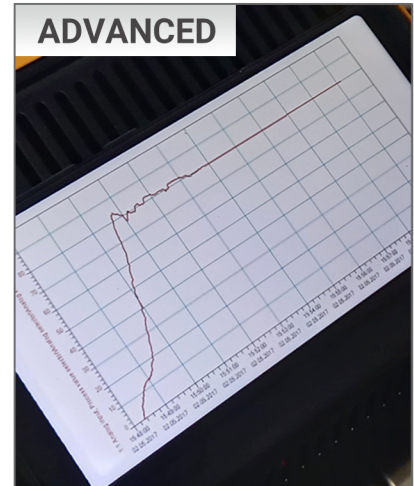


**How to Order ?**  
[www.locrom.com](http://www.locrom.com)



# GALOS

*Available in three different versions*



## Accessories & Features

### *Sub-Zero Temperature Calibrators*

#### ■ Metal Block Insert

Dry Block Calibrator provides fast and clean calibration of thermocouples, PRTs and other industrial sensors.

#### ■ Blackbody Source

Add the Blackbody accessory to allow calibration of infrared thermometers

#### ■ Stirred Ice / Water Bath

The Tenser that operate below 0°C can be used to provide a 0°C stirred ice / water bath.

#### ■ TPW Fixed Point Apparatus

For the best possible performance with Low uncertainties add a TPW Fixed Point Cell.

#### ■ Surface Sensor Calibrator

With the Surface Sensor Kit the test sensor is compared to a platinum resistance thermometer located just below the surface of the block.

#### ■ Calibration

Includes traceable calibration certificate for block temperature

#### ■ Some Basic Features

Simple to Use & Outstanding Value  
Rugged Case

Internal adjustment system

Ramp to Set Temperature

Auto tuning system

PC-interface

#### ■ Some Site Feature

Accept Process Inputs Including 4-20 mA

Reference Indicator

Reference Probe (TC / pt100)

Auto program controller

#### ■ Some Advanced Features

Touch Screen LCD

Support Languages

Connect More Reference Probes

Temperature Programmer

View from Phone , PC

Stability Graph

Stability Alarm

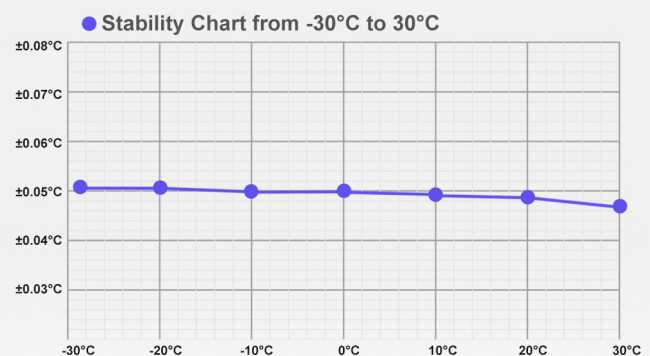
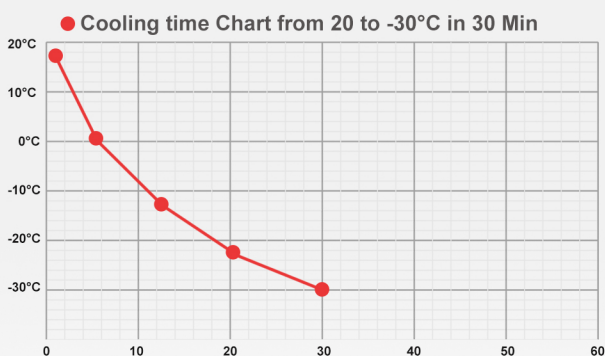
USB Port



# GALOS

## technical Table & Charts

PARAMETER	Model
<b>GALOS-PLUS</b>	
Temperature Range	-25°C to 70°C
<b>Advanced Range</b>	
Stability: Dry Block / Liquid Bath	±0.01°C
Display Resolution	0.01°C over whole range
Accuracy: RTD Input Channels	±0.05°C ±0.005% RDG
Accuracy: Thermocouple Input Channels	±0.2°C
CJC Accuracy	±0.35°C
<b>BASIC / SITE Range</b>	
Stability	≤ ±0.05°C
Display Resolution	-25.0°C to -20.0°C: 0.1° -19.99 to 70.00°C: 0.01°
<b>COMMON Specifications</b>	
Stability	Blackbody ±0.3°C Surface Sensor ±0.5°C
Display Accuracy 3	0.15°C
Uniformity - Radial, Liquid Bath Mode	<0.05°C
Uniformity - Axial, Liquid Bath Mode (40mm)	<0.05°C
Uniformity - Radial, Dry Block Mode (Between Wells)	<0.05°C
Uniformity-Axial, Dry Block Mode (40mm)	<0.05°C
Heating Time	-20°C to 70°C: 30 Mins
Cooling Time	70°C to 20°C: 20 Mins
	20°C to -20°C: 20 Mins
Insert Size	65 x 160mm
Insert Types	Standard 8 x 8mm + 2 x 4.5mm, Undrilled or Custom Drilled
Power	115 or 230Vac 50/60Hz 200 Watts
Dimensions	384H (including handle) x 212W x 312D mm
Weight	12kg



You can greatly improve the temperature stability by using Equalising Block. This feature was first developed in LOCROM products and you can reduce your stability to less than ±0.01°C .