

LHC 650 Advance

Temperature dry well calibrator LHC 650 Advance is an equipment suitable for all conditions and applications, covering different kind of industries. The LHC 650 Advance is the most advanced equipment in its class. Designed to work in a few minutes, as a dry block with different inserts. Thanks to the wide variety of inserts available, it allows you to calibrate any probe or thermocouple. The LHC 650 Advance has a temperature range of 40 ... 650 °C stability of 0.05 °C. Accuracy of 0.3 °C.

APPLICATIONS

Calibration Laboratories
Testing Labs
Universities / R & D
Chemical / Pharmaceutical Industry
Suitable use in the food industry
Easy maintenance and service

HIGHLIGHTS

Dry block with a large diameter of 28 mm
Fast Response Time
Temperature range 40 ... 650 °C
Easy change between the calibration functions
Immersion Depth: 150 mm
Resolution: 0,1/0,01/ 0,001 °C / F
Stability: 0.05 °C
Accuracy: 0.3 °C
Uniformity: 0.05 °C
Portable unit
3 Years Warranty



General Information

Easy and intuitive 4.3-inch touch screen user interface
Intuitive handling of calibration functions
Robust against damage
Trend graph with resolution up to 0.1°C and time selection
Program functions with up to 8 segments
Multi-language Spanish, English, German, French, Italian
RS485 ModBus RTU communication (DB9 connector)
World-class performance



Technical Data

Operating Temperature Range(°C)	40 ... 650 °C
Accuracy	0,3 °C
Resolution	0.1/ 0.01/ 0.001°C(selectable).
Reference temperature sensor	Internal
Calibration Volume	Ø 28 mm x 150 mm
Warm-Up time	From 50 ... 600 °C: 20 Minutes
Cooling time	From 600 ... 100 °C: 35 Minutes
Housing and assembly	Portable
Dimensions An x La x Al (cm)	250 x 370 x 440 mm
Weight (kg)	10.8 kg Approx.
Supply	100 ... 234 Vac 50/60 Hz
Power Consumption	Approx 1200 W

DRY BLOCK**INOX inserts:**

Standard Insert: B: 1 x Ø 3.2 / 1 x Ø 5 / 1 x Ø 6.5 / 1 x Ø 10.5 mm

Insert size 28 mm x150 mm

C: 1 x Ø 6.5 / 1x Ø 12.5 mm

D: 1 x Ø 4.5 / 1 x Ø 6.5/ 1 x Ø 10.5 mm

E: 1 x Ø 15.7 mm

F: 1 x Ø 17.5 mm

G: 1 x Ø 3.2 / 1 x Ø 5 / 1 x Ø 7 / 1 x Ø 10.5 mm

A: Unmachined (No drilling).

Scope of delivery

LHC 650 Advance Basic Instrument

Standar insert B: 1 x Ø 3,5 / 1 x Ø 6,5/ 1 x Ø 8,5/ 1 x Ø 10,5 mm

Insert extractor

Power Cable EU, USA, Others.

Manufacturing Traceable Calibration Certificate 3.1 (8 Points)

Instruction Manual

3 Years of Warranty against factory defects

Optional

Trolley transport suitcase with wheels and handle.

ENAC (ISO 17025) Calibration Certificate

Several types of inserts (See the Dry Block Tecnical Data)