

Ванны с перемешиванием MLB, МОВ, FB

Технические характеристики

По вопросам продаж и поддержки обращайтесь:

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Брянск (4832)59-03-52
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Череповец (8202)49-02-64
Чита (3022)38-34-83
Якутск (4112)23-90-97
Ярославль (4852)69-52-93

Micro Liquid Bath

Portable / Benchtop Model

MLB-30

Stirred Bath

Ideal for Liquid-in-Glass Thermometers & Bi-Metal Thermometers / RTD Calibration

Site Calibration of Multiple / Multi-type / ODD Shaped Sensors (Lid / Probe holder can be designed to suit)

Stability & Precision of a Liquid Bath, Compact Size & Portability of a Dry Block Calibrator

SALIENT FEATURES

Compact, Portable / Bench-top Model
No Problems of Fitment / Immersion
Auto-tune PID Controller
Stirrer to ensure Temperature uniformity
(Oil) Spill proof Transport Lid
Overflow Outlet Provision
Computer Interface & Calibration Software – Optional

SPECIFICATIONS

Range	-25°C to 100°C
Resolution	0.1°C
Accuracy	±0.6°C
Stability	±0.2°C
Stabilisation Time	20 Minutes
Temperature Control	Auto-tune PID Controller
Temperature Readout	°C / °F Selectable
Working Chamber Dia	75 mm
Working Chamber Depth	150 mm
Chamber Capacity	1500 ml
Medium	-30°C to 50°C : Methanol ** 50°C to 100°C : Special Silicon Oil
Heating Time (Ambient to max.)	15 Minutes (approx.)
Cooling Time (0 to -30°C)	40 Minutes (approx.)
Power Supply / Consumption	230V AC / 50 Hz / 600 W
Housing / Mounting	Bench-top
Instrument Dimensions (W x D x H)	205 x 365 x 480 mm



STANDARD INCLUSIONS

- Basic Instrument with standard Lid / Probe Holder
- Mains Cable
- Spare Fuses
- Traceable Calibration Certificate
- Instruction Manual
- Methanol ** (Customer scope, to be sourced locally)

OPTIONAL (ADD-ON) ITEMS

- Computer Interface
- "Caltemp" Calibration Software
- Lid / Probe Holder – custom designed to suit
- 115V AC / 60 Hz Model
- Calibration Certificates are issued in Accordance with our Scope as granted by NABL per ISO/IEC 17025:2017 Standards

Micro Oil Bath

Portable / Benchtop Model

MOB 250

Stirred Bath

*Ideal for Liquid-in-Glass Thermometers & Bi-Metal Thermometers / RTD Calibration
Site Calibration of Multiple / Multi-type / ODD Shaped Sensors (Lid / Probe holder can be designed to suit)
Stability & Precision of a Liquid Bath, Compact Size & Portability of a Dry Block Calibrator*

SALIENT FEATURES

Compact, Portable / Bench-top Model
No Problems of Fitment / Immersion
Auto-tune PID Controller
Stirrer to ensure Temperature uniformity
(Oil) Spill proof Transport Lid
Overflow Outlet Provision
Computer Interface & Calibration Software – Optional

SPECIFICATIONS

Range	50°C to 250°C
Resolution	0.1°C
Accuracy	±0.6°C
Stability	±0.1°C
Stabilisation Time	20 Minutes
Temperature Control	Auto-tune PID Controller
Temperature Readout	°C / °F Selectable
Working Chamber Dia	95 mm
Working Chamber Depth	170 mm
Chamber Capacity	1500 ml
Medium	Special Silicon Oil
Heating Time (Ambient to max.)	60 Minutes (approx.)
Cooling Time (to 100°C)	60 Minutes (approx.)
Power Supply / Consumption	230V AC / 50 Hz / 600 W
Housing / Mounting	Bench-top
Instrument Dimensions (W x D x H)	160 x 365 x 350 mm
Instrument Weight	10 Kgs. (without Oil)



STANDARD INCLUSIONS

- Basic Instrument with standard Lid / Probe Holder
- Special Silicon Oil (1500 ml)
- Mains Cable
- Spare Fuses
- Traceable Calibration Certificate
- Instruction Manual
- Carrying Case

OPTIONAL (ADD-ON) ITEMS

- Computer Interface
- "Caltemp" Calibration Software
- Lid / Probe Holder – custom designed to suit
- 110V AC / 60 Hz Model
- Calibration Certificates are issued in Accordance with our Scope as granted by NABL per ISO/IEC 17025:2017 Standards

Fluidized Bath

Semi-Portable

FB 06S / FB 06L

Stirred Bath

Medium Temperature Calibrators.

Ideal choice for simultaneous Calibration of several Temperature Sensors in quick time – Thermocouples / RTD Assemblies, Glass Thermometers, Filled System (Dial) Thermometers / Temperature Switches etc.

Calibration of bulky / heavy, odd shaped / sized Sensors – a must for Process Industries, Power Stations etc. with 1000s of Temperature Sensors installed.

SALIENT FEATURES

Compact Design / Cost Effective
Dry, relatively inert / clean / non-toxic safe
No Fitment / Immersion Problems
Short / Long Immersion - to suit Multitype / Multiple Sensor Calibration
Rapid Heat Transfer & Precise Temperature Control
Stainless Steel Inner Container
Complete with Moisture Separator, Flow Meter, Pressure Regulator, Autotune PID Temperature Control, Cooling Coil etc.
Switch Test facility
Castor Wheels for easy movement
Computer Interface & "Caltemp" Calibration Software – Optional



SPECIFICATIONS

Models	FB 06S	FB 06L
Range	20°C above Ambient to 600°C	20°C above Ambient to 600°C
Resolution	1°C	1°C
Accuracy	±1.5°C	±1.5°C
Stability	±0.5°C	±0.5°C
Stabilisation Time	25 Minutes	25 Minutes
Working Chamber Dia	155 mm	225 mm
Immersion Depth	250 mm	400 mm
Heating Time (Ambient to max.)	50 Minutes (approx.)	90 Minutes (approx.)
Cooling time (to 100°C)	3 Hours (without cooling attachment) 45 Minutes (with cooling attachment)	5 Hours (without cooling attachment) 75 Minutes (with cooling attachment)
Temperature Readout (PID Controller)	°C / °F Selectable	°C / °F Selectable
Air Pressure **	1 to 1.5 Kg/cm ²	1 to 1.5 Kg/cm ²
Air Flow	25 LPM	45 LPM
Weight of Medium	6 Kgs	17 Kgs
Inner Container	Stainless Steel	Stainless Steel
Power Supply	2 KW	4 KW
Dimension (W x D x H)	800 x 350 x 570 mm	750 x 450 x 800 mm
Weight (without Medium)	40 Kgs.	65 Kgs.
Mounting	Floor Model / Castor Wheel	Floor Model / Castor Wheel

STANDARD INCLUSIONS

- Fluidized Bath complete with Moisture separator, Flow Meter, Pressure Regulator
- Over Spill Flange & Cooling Coil attachment *
- Test Leads for Switch Test
- Aluminium Oxide Powder : 6 Kgs. (FB 06S), 17 Kgs. (FB 06L)
- Evacuation System
- Traceable Calibration Certificate
- Instruction Manual

OPTIONAL (ADD-ON) ITEMS

- Probe Plate Basket (Plate drilled to suit probes)
- Probe Carrier / Holder to suit – specify dia of Probe to be calibrated & number of probes (max. 8)
- Air Filter
- Equalizing Block (Single/Multihole) to achieve higher Stability ($\pm 0.1^{\circ}\text{C}$)
- Computer Interface & Calibration Software
- Calibration Certificates are issued in Accordance with our Scope as granted by NABL per ISO/IEC 17025:2017 Standards

* Tap Water supply required ** Dry Compressed Air required (@ 7 bar).

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