



A Thermo Fisher Scientific Brand



Home > Products > Thermometers, pH Meters, Timers and...

- > Thermometers > Infrared and Digital Thermometers
- > Special Purpose Thermometers
- > H-B Instrument™ Durac™ Plus™ Preci... > 13201567



# H-B Instrument™ Durac™ Plus™ Precision Verification Thermometers

Catalog No. 13-201-567  
\$45.20 / Each

To verify sample temperatures in freezers, refrigerators, incubators and ovens.

Manufacturer: H-B Instrument Company B606001000RMD

[View all options for this product](#)

## Description & Specifications

Blue liquid fill on white backed glass makes it easier to confirm temperature in freezers, refrigerators, incubators.

### Applications:

Ideal for chemical industry, petrochemistry, pharmaceutical, medical, cosmetic, producers of chemicals, university, dairies, breweries, distillers, beer cellars, refrigeration house, hot houses, scientific institutes, blood banks, refrigeration/freezer/incubator/oven equipment producers and producers of laboratory equipment.

## Specifications

Bottle Fill  
**Glass Beads**

Bottle Size  
**30mL**

Certifications/Compliance  
**ISO/IEC 17025:2005, A2LA, NIST, DAKKS**

For Use With (Application)

**Incubator**

Includes

**Multilanguage instructions,  
statement of accuracy  
indicating accuracy traceable  
to NIST**

Length (English) Overall

**5.3 in.**

Length (Metric) Overall

**135mm**

Temperature Range (Metric)

**15° to 50°C**

Thermometer Fill

**Blue Organic**

Product Type

**Precision Verification  
Thermometer**

## PIPET FILLERS MANUAL FILLERS/MOTORIZED FILLERS

### Manual Fillers

#### Fisherbrand® Pipet Filler

Lightweight pipet filler sits comfortably in the hand

Aspirate and pipet liquid samples with precise control. To use, simply squeeze the air out of the silicone bulb, then use the thumb lever to control the aspirate and delivery speeds.

- Mini button blows out the last drop of liquid from pipet when pipetting — ideal for use with blow-out pipets
- Silicone pipet holder is autoclavable and accommodates pipets from 1 to 100mL
- 0.45µm replaceable, nonsterile membrane filter prevents liquid from entering the unit

Cat. No.	Each
03-692-35	99.15

#### Fisherbrand® Universal Pipet Filler

- Fits pipets from 1 to 25mL
- Precise and accurate pipetting
- Comfortable and simple to use; smooth, controllable thumb action
- Compatible with blow-out, TD (to deliver) or gravity-dispense pipets
- Eliminates the need to use a range of different-sized pipet fillers for a variety of volumes dispensed
- Removable and autoclavable silicone pipet holder
- Acrylic stand available to hold up to five pipet fillers

Fits Pipets	Color	Cat. No.	Each
1 to 25mL	White and blue	03-692-350	50.61

### Motorized Fillers

#### Fisherbrand® Motorized Pipet Fillers/Dispensers

Comfortable pipetting with precise control

Ultra-lightweight (just over 6 oz. [173g]) and compact, these pipet controllers operate for eight hours from a single charge; low battery light indicates one hour of use remaining. During recharging, Fillers/Dispensers can remain in use.



03-692-164

- Mode switch enables selection of three aspirate/dispense speeds, all of which are easily controllable by the triggers
- "High" setting to aspirate/dispense at full speed with blowout
- "Low" to aspirate/dispense at reduced speeds with blowout
- "G" to aspirate at reduced speed, dispense by gravity (for pipets designed "To Deliver")
- Comfortable, concave finger triggers give you additional variable control of pipetting speed at any setting
- Compatible with glass or plastic pipets from 1 to 100mL

Color	Cat. No.	Each
Blue	03-692-164	400.55

#### Thermo Scientific™ S1 Pipet Fillers

Lightweight, cordless pipet filler allows longer, fatigue-free pipetting



14-387 Series

#### Monitor Performance

- Large backlit LCD display provides visual confirmation of remaining battery charge and speed settings

#### Control Speed

- Separate aspirate and dispense speed controls provide precise control over pipetting speeds and reduce risk of overpipetting with smaller pipets
- Choose from eight speeds with a simple "+" or "-" to adjust pipetting speed which is displayed on the LCD

#### Ready when you need it

- Rechargeable lithium-ion battery offers long runtime per charge while eliminating battery memory problems
- Battery has rapid charge rate of 80% in one hour and delivers up to 15 hours of continuous operation before recharge
- With a customizable ID area the pipet filler permits easy recognition of ownership and/or task designation

#### Specifications

Aspirate Speeds	8
Dispense Speeds	8 (+ Gravity Dispense)
Weight	220g
Nosepiece Pipet Holder	Autoclavable Silicone Rubber
Pipet Compatibility	All major brands of glass or plastic serological pipets, 1 to 100mL
Filter Assembly	0.45 Micron Standard
Battery	Lithium-Ion
Approx. Runtime Between Charges	15 hours in continuous use
Recharge Time	3 hours
<b>Power Requirements</b>	
Power Supply Input	100-240 V AC 60-50 Hz, 0.2 A
Power Supply Output	6.0V DC, 0.5A
Package content	S1 Pipet Filler, universal charger, table stand wall-mounted holder, 1mL pipet support, instruction manual and warranty card
Warranty	2-years with web registration

Color	Mfr. No.	Cat. No.	Each
Red	9531	14-387-166	418.50
Green	9541	14-387-167	418.50
White	9501	14-387-163	418.50
Clear	9511	14-387-164	418.50
Blue	9521	14-387-165	418.50

1058



\*Trademark. See Trademarks at [www.fishersci.com](http://www.fishersci.com)

Prices subject to change.



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## W.A. Hammond Drierite<sup>®</sup> Indicating Absorbents

Efficient desiccant giving constant visual indication of the progress of absorption and exhaustion. W A Hammond Drierite<sup>™</sup> Drying Dessicants dries organic liquids to low ppm levels and is commonly used in desiccators, desiccator cabinets, in-line air and gas dryers.

**Manufacturer:** W.A. Hammond Drierite<sup>®</sup> 23005

### Description & Specifications

#### Chemical Identifiers

CAS	7646-79-9
Chemical Name or Material	Calcium Sulfate with Cobalt Chloride Indicator

#### Specifications

Packaging	Glass bottle
Quantity	5 lb.
CAS	7646-79-9, 7778-18-9
Molecular Formula	98% CaSO <sub>4</sub> with <2% CoCl <sub>2</sub>
Synonym	Absorbent; Desiccant; Indicating
Chemical Name or Material	Calcium Sulfate with Cobalt Chloride Indicator

#### Description

- Efficient desiccant giving constant visual indication of the progress of absorption and exhaustion
- Turns from blue to pink when exhausted
- Dries air and gases to lower residual moisture levels (-100°F dew point)
- Commonly used in desiccators, desiccator cabinets, in-line air and gas drying columns, absorption bulbs, U-tubes, glove boxes, sealed chambers and wherever an anhydrous environment is required
- Regeneration by heating granules on tray in single layer at 210-220°C for 1 hour



# Fisherbrand™ Reusable Glass Narrow-Mouth Erlenmeyer Flasks

Long, tapered outside countour minimizes chipping



## Specifications

Material	Borosilicate Glass
Capacity (Metric)	4000mL
Diameter (English) Outer	8.18 in.
Diameter (Metric) Outer	20.8cm
Disposable	No
Graduation Range	1000 to 4000mL
Graduation (Metric)	250mL
Height (English)	13.97 in.
Height (Metric)	35.5cm
No. of Positions	1.0
Mouth Style	Narrow
Stopper Material	Rubber
Stopper Number	10
Top Style	Heavy duty tooled with capacity scale
Writing Surface	Matte finish Ceramic Enamel marking



## Fisher Scientific™ Traceable™ Three-Line Alarm Timer

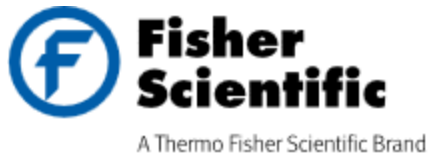


Perfect unit to dedicate to a group of repetitive tests. Fisher Scientific™ Traceable™ Three-Line Alarm Timer is a user-friendly timer that displays three different countdown/alarm times simultaneously. Three unique channels may be started individually or concurrently and programmed to count down from 99 hours, 59 minutes, 59 seconds to 1 second. When zero is reached, an alarm sounds, TIME'S UP is displayed, and the timer begins counting up.

- Memories return the display to the previously programmed time
- May also be used as three stopwatches or in any combination of up/down timing
- Display has a time-of-day clock
- Quartz-crystal timing accuracy is 0.01%
- Digits are 3/8 in. high
- Chemical-resistant ABS plastic case size: 2 x 3.25 x 0.5 in.
- Weight: 3 oz.

### Certifications

To assure accuracy, an individually serial-numbered Traceable™ Certificate is provided from our ISO/IEC 17025 calibration lab accredited by A2LA. It includes traceability to standards provided by NIST



# Thermo Scientific™ Precision™ General Purpose Baths

Support a wide range of applications with general purpose water baths, designed to maintain temperature from ambient to 100°C. High-performance baths range from 2L to 28L.

**Manufacturer:** Thermo Scientific™ TSGP05

**Catalog No.** TSGP05



## Specifications

Temperature Range (Metric)	Amb. to 100°C
Heating Capacity	300W
Bath Volume	5L (1.3 GAL)
Cabinet Material	Epoxy Powder Coated Cold Rolled Steel
Chamber Material	304 Stainless Steel
Model	Precision GP 05
Temperature Presets	4
Temperature Uniformity	±0.2 °C
Amperage	2.2-2.7 / 1.0-1.3 (120V/230V)
Description	5L General Purpose Water Bath
Certifications/Compliance	UL, CE
Dimensions (L x W x H) Exterior	9.7 x 14 x 9.1 in. (246 x 355 x 232mm)
Electrical Requirements	Global Voltage 100-115V/200-230V, 50/60Hz



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Controller Type	Digital
Display	Monochrome LCD
Includes	Clear Polycarbonate Gable Cover, Diffuser Tray, and Rubber Duck
Temperature Stability	$\pm 0.1$ °C

## Description

Support a wide range of applications with Thermo Scientific™ Precision™ general purpose water baths, designed to maintain water temperature from ambient to 100°C. These rugged, high-performance baths range from 2L to 28L, including shallow models. Over-temperature safety circuitry is designed to prevent thermal runaway, while new auto-on and auto-off timers allow you to optimize operation schedules. Benefit from outstanding chemical and corrosion resistance with epoxy powder-coated exterior, easily clean the chamber with its seamless stainless steel interior.

- Free up valuable bench space with smaller footprint, compared to previous models
- Advanced microprocessor controller is designed for extended functionality
- Protect your work with audible alarms
- Conveniently save commonly used settings with four temperature presets
- Simple to operate and monitor with icon-based graphical display
- Enhanced hinge design supports open lid configuration and easy lid removal
- Help prevent bath damage and overheating with low-fluid protection
- Simplify operation with quick disconnect drain on 10, 20, and 28L and dual models



Non JA Item 26 - salient chars is that it is a variable speed tabletop centrifuge, often referred to as a microfuge, it handles 6-8 microcentrifuge tubes, prefer versions that can handle 0.65 ml tubes but 1.5-1.7 ml tube is required, has closing lid for safe operation, prefer versions with tube adaptors for flexibility

## Fisherbrand™ Standard Mini Centrifuge

Achieve fast speed in minimal space. Fisherbrand™ Mini Centrifuge is ideal for quick spin downs, micro-filter cell separations, PCR\* and HPLC samples. It is compact and easy to use and comes as standard with a host of accessories, including two rotors, O rings and interchangeable plugs.

- 
- [Description](#)
  - [Specifications](#)
  - [Documents](#)
- 

### Description

### Specifications

Capacity	Rotor 1: 6 x 1.5/2mL tubes (adapters for 0.5mL and 0.2ml tubes) Rotor 2: 2 places for 8 x 0.2mL strips or 16 single tubes
Max. RCF	2000 x G
Voltage	110/120V
Width (Metric) Exterior	128mm
Rotor	Yes
Electrical Requirements	110/120VAC 50/60HZ
Rotor Included	Yes
Max. Speed	6000rpm
Refrigerated	No
Width (English) Exterior	5.03 in.
Includes	Two rotors, tube rack, storage case, O-rings, tube adapters and low voltage, double insulated power adapter with four interchangeable plugs
Dimensions (L x W x H) Exterior	153 x 128 x 104mm

Maximum Force Range

2000xg



## Thermo Scientific™ Precision™ General Purpose Baths

Support a wide range of applications with general purpose water baths, designed to maintain temperature from ambient to 100°C. High-performance baths range from 2L to 28L.

**Manufacturer:** Thermo Scientific™ TSGP15D

### Specifications

Temperature Range (Metric)	Amb. to 100°C
Heating Capacity	1100W
Bath Volume	15L (4.0 GAL)
Cabinet Material	Epoxy Powder Coated Cold Rolled Steel
Chamber Material	304 Stainless Steel
Model	Precision GP 15D
Temperature Presets	4
Temperature Uniformity	±0.2 °C
Amperage	8.2-9.7 / 3.8-4.7 (120V/230V)
Description	5L & 10L Dual General Purpose Water Bath
Certifications/Compliance	UL, CE
Dimensions (L x W x H)	15.4 x 23.1 x 9.2 in. (392 x 587 x 233mm)
Exterior	
Electrical Requirements	Global Voltage 100-115V/200-230V, 50/60Hz
Controller Type	Digital
Display	Monochrome LCD
Includes	2 Clear Polycarbonate Gable Covers, 2 Diffuser Trays, and Rubber Duck
Temperature Stability	±0.1 °C

Non JA Item 28 - salient chars requirements are that it match the dimensions, elevation above the ground, have castors and accommodate the weight bearing of a double-stacked Heracell 160i on top of it. Castors must be lockable to prevent unwanted rolling.

# Accessories for Thermo Scientific™ Heracell™ VIOS 160i/Thermo Scientific™ Forma™ Steri-Cycle™ i160 Incubators GSA/VA

Replacement filter and stands

**Manufacturer:** Thermo Scientific 50145394

- [Specifications](#)
  - [Documents](#)
- 

## [Specifications](#)

For Use With (Equipment)

Thermo Scientific Heracell VIOS 160i AND Thermo Scientific Forma Steri-Cycle i160 Incubators

# Big Features Go Compact

## Worry-free Weighing



### Proven weighing cell

Our renowned MonoBloc weighing cell, with FACT automatic internal adjustment, delivers consistently reliable results. Built-in overload protection ensures a long balance lifetime.



### Compact and convenient

The compact design makes the most of your workspace, giving you the extra space you need to have all your equipment and samples conveniently nearby – especially handy when you have bulky samples or large containers.



### Intuitive operation

The large 4.5" color TFT touchscreen with clear icons and intuitive guidance enables users to operate quickly even while wearing cloth or rubber gloves. Multilingual text and graphics walk you through every step of weighing procedures.



### Efficient weighing-in guide

The weighing-in guide at the top of the display helps the operator dose to target. The green screen indicates at a glance that the weighing result lies within the process tolerances.



### ML-T Precision Balances

#### Small in Size, Big on Features

Whether you work in a busy laboratory, or out on the factory floor, space is always at a premium. With the smallest-in-class footprint and larger-than-average weighing pan, ML balances give you the room you need to carry out your daily tasks efficiently.

Their compact size and battery operation makes it easy to take your ML balance to where you need to weigh – ideal for stocktaking or fieldwork. And when you've finished your weighing tasks, ML balances are easy to clean and take care of too.

## ML-T Precision Balances

Technical Specifications	ML203T	ML303T	ML503T	ML802T	ML1602T	ML3002T	ML4002T	ML6002T	ML3001T	ML6001T
<b>Limit values</b>	<b>1 mg</b>			<b>0.01-0.1 g</b>						
Maximum capacity	220 g	320 g	520 g	820 g	1620 g	3200 g	4200 g	6200 g	3200 g	6200 g
Readability	1 mg	1 mg	1 mg	0.01 g	0.01 g	0.01 g	0.01 g	0.01 g	0.1 g	0.1 g
Repeatability (at nominal load)	1 mg	1 mg	1 mg	0.01 g	0.01 g	0.01 g	0.01 g	0.01 g	0.1 g	0.1 g
Linearity deviation (test load)	0.002 g (50 g)	2 mg (50 g)	0.002 g (100 g)	0.02 g (200 g)	0.02 g (400 g)	0.02 g (500 g)	0.02 g (1000 g)	0.02 g (1000 g)	0.2 g (500 g)	0.2 g (1000 g)
<b>Typical values</b>										
Repeatability, typical (sd)	0.7 mg	0.7 mg	0.7 mg	0.007 g	0.007 g	0.007 g	0.007 g	0.007 g	0.07 g	0.07 g
Linearity, typical	0.6 mg	0.6 mg	0.6 mg	0.006 g	0.006 g	0.006 g	0.006 g	0.006 g	0.06 g	0.06 g
Eccentricity deviation (test load) <sup>1)</sup>	1.5 mg (100 g)	1.5 mg (100 g)	1.5 mg (200 g)	0.01 g (500 g)	0.01 g (500 g)	0.015 g (1000 g)	0.015 g (2000 g)	0.015 g (2000 g)	0.1 g (1000 g)	0.1 g (1000 g)
Sensitivity offset (test weight)	2 mg (200 g)	3 mg (300 g)	3.5 mg (500 g)	0.009 g (800 g)	0.018 g (1600 g)	0.018 g (3000 g)	0.024 g (4000 g)	0.036 g (6000 g)	0.09 g (3000 g)	0.18 g (6000 g)
Minimum sample weight (acc. to USP)	1400 mg	1400 mg	1400 mg	14 g	14 g	14 g	14 g	14 g	120 g	120 g
Minimum sample weight (U=1%, k=2)	140 mg	140 mg	140 mg	1.4 g	1.4 g	1.4 g	1.4 g	1.4 g	12 g	12 g
Settling Time	1.5 s	1.5 s	1.5 s	1.5 s	1.5 s	1.5 s	1.5 s	1.5 s	1 s	1 s
<b>Dimensions</b>										
Weighing pan dimensions	120 (∅)	120 (∅)	120 (∅)	170 X 190	170 X 190	170 X 190	170 X 190	170 X 190	170 X 190	170 X 190

<sup>1)</sup> According to OIML R76;

### Features

<b>Accurate Results</b>	<ul style="list-style-type: none"> <li>MonoBloc weighing cell</li> <li>Overload protection</li> <li>FACT internal adjustment with advanced test features</li> <li>MinWeigh warning function</li> <li>Metal bottom housing</li> </ul>
<b>Efficient Operation</b>	<ul style="list-style-type: none"> <li>Large 4.5" color TFT touch-screen</li> <li>LevelControl function</li> <li>Statistical data analysis</li> <li>Easy cleaning thanks to QuickLock</li> </ul>
<b>Quality Assurance</b>	<ul style="list-style-type: none"> <li>ISO-Log</li> <li>Sample ID input</li> <li>Passcode protection</li> </ul>
<b>Seamless Process</b>	<ul style="list-style-type: none"> <li>3 interfaces - USB device, USB host and RS232</li> <li>Bluetooth option</li> <li>PC direct for easy data transfer</li> </ul>

### Accessories

#### P-5x thermal printers



Fast, high quality printouts on paper, self-adhesive labels and continuous self-adhesive paper (including barcodes).

#### Bluetooth adaptors



Wirelessly sends data between the balance and a PC, tablet or printer. No additional software needed.

#### Weights and CarePacs®



For routine testing adjustment of balances, with guaranteed traceability.

#### SmartPrep™



Single-use, antistatic funnels enable safe and fast weighing-in of powders. Simply weigh, transfer and rinse.



For further information on accessories, please visit [www.mt.com/lab-accessories](http://www.mt.com/lab-accessories)

**GWP®**  
Good Weighing Practice™  
[www.mt.com/GWP](http://www.mt.com/GWP)



**Mettler-Toledo AG**  
Laboratory Weighing  
CH-8606 Greifensee, Switzerland  
Tel. +41 44 944 22 11  
Fax +41 44 944 30 60

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30258572  
Global MarCom Switzerland / MC

[www.mt.com/mlt-precision](http://www.mt.com/mlt-precision)

For more information

Non JA Item 30 - THIS IS THE METTLER TOLEDO BALANCE STARTER KIT includes install, calibration, training on care, use and maintenance

# METTLER TOLEDO StarterPac Installation

A professionally executed installation and qualification is essential in achieving the best results from any instrument. METTLER TOLEDO services provide the peace of mind that your instrument is performing perfectly from the beginning.

**Manufacturer:** METTLER TOLEDO B39990001

Exact match for part number 1909400

- 
- [Description](#)
  - [Specifications](#)
  - [Documents](#)
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## Description

### Specifications

Product Type

Equipment Installation

Description

Designed for professional product installations and solid user familiarization in low or unregulated environments.

For Use With (Application)

Recommended for following industries: Academia, Trade, Government, Waste Water, Chemical, Polyme