redefining pipetting productivity

Fast Pipetting Performance • Longer Battery Life
Thermo Scientific S1 Pipet Filler

Your time is valuable and faster performance is essential. Trust the Thermo Scientific S1 Pipet Filler to deliver everything you need to stay productive in the lab:

**Faster Performance • Advanced Speed Controls • Longer Battery Life**

The portable lightweight S1 Pipet Filler is designed for use with either glass or plastic serological pipets. It offers effective streamlined pipetting performance with maximum pipetting comfort.

Monitor Performance.
The backlit LCD display screen shows remaining battery life and alarms with a blinking light when the battery charge gets low, minimizing the risk of a slowing pipette in the middle of a procedure. Current speed settings are indicated on the display for convenience.

Ready when you need it.
Sustain lightweight, cordless pipetting with the Thermo Scientific S1 Pipet Filler featuring a heavy-duty lithium-ion battery. Operation lasts three times longer between charges than typical units using nickel-metal hydride batteries — so your S1 pipet filler is ready when you need it. The powerful motor ensures fast and efficient pipetting. A 50 ml pipet is filled in less than 6 seconds!

Control Speed.
Separate aspirate and dispense buttons on the rear of the S1 pipet filler individually set aspiration (upper button) and dispense (lower button) speeds. Choose from eight speeds with a simple “+” or “−” to adjust pipetting speed which is displayed on the LCD. A zero speed selection on dispense enables gravity dispensing and extra slow aspiration speeds prevent overpipetting when using 1 ml pipets.

Your choice of colors.
Available in your choice of five colors, the S1 pipet filler is a fun addition to the lab. With a customizable ID area the pipet filler permits easy recognition of ownership and/or task designation.

The S1 Pipet Filler can be used twice as long as other pipet fillers with NiMH batteries, while taking half the time to recharge.

The S1 Pipet Filler is ideal for a wide range of application needs including:

- Cell Culture
- Bioproduction
- Food Safety
- Blood Separation
- Biotechnology
- Stem Cell
- Microbiology
- Molecular Biology
Sterilized and plugged for convenience, these pipets are an excellent choice for cell culture applications and have a certified Sterility Assurance Level (SAL) of 10-6.

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Capacity</th>
<th>Grad.</th>
<th>Neg. Grad.</th>
<th>Tolerance</th>
<th>Qty./Bag</th>
</tr>
</thead>
<tbody>
<tr>
<td>159609</td>
<td>1</td>
<td>0.01</td>
<td>0.3</td>
<td>±0.02</td>
<td>200</td>
</tr>
<tr>
<td>159617</td>
<td>2</td>
<td>0.01</td>
<td>0.3</td>
<td>±0.04</td>
<td>125</td>
</tr>
<tr>
<td>159625</td>
<td>5</td>
<td>0.1</td>
<td>2</td>
<td>±0.10</td>
<td>50</td>
</tr>
<tr>
<td>159633</td>
<td>10</td>
<td>0.1</td>
<td>3</td>
<td>±0.20</td>
<td>50</td>
</tr>
<tr>
<td>159641</td>
<td>25</td>
<td>0.2</td>
<td>10</td>
<td>±0.50</td>
<td>50</td>
</tr>
<tr>
<td>159668</td>
<td>50</td>
<td>0.5</td>
<td>10</td>
<td>±0.75</td>
<td>25</td>
</tr>
</tbody>
</table>

* Included with your S1 Pipet Filler purchase.
* Not available for use or sale within the United States.

### Specifications

#### Performance Characteristics

- **Aspirate Speeds**: 8
- **Dispense Speeds**: 8 (+ Gravity Dispense)
- **Battery**: Lithium-Ion
- **Runtime between Charges**: 15 Hours of Continuous Use
- **Recharge Time**: 3 hours
- **Fill Time for 50 ml pipet**: 5.5 seconds

#### Environmental Operating Conditions

- **Operating Altitude**: 0-1,524 m
- **Operating Temperature**: 10-35 °C
- **Relative Humidity**: 10-95 % non-condensing
- **Mains Supply**: 90 V AC or 264 V AC
- **Voltage Fluctuations**
  - (for external Power supply)
  - Installation Category II
- **Applicable Rated Pollution Degree**: Pollution Degree 2
  - (normally only non-conductive pollution occurs)

For optimal performance of pipet filler

#### Physical Characteristics

- **Weight**: 220 g
- **Nosecone Pipet Holder**: Auto claveable silicone rubber
- **Pipet Compatibility**: All major brands of glass or plastic Serological pipets, 1 ml – 100 ml

#### Power Requirements

- **Power Supply Input**: 100-240 V AC 60-50 Hz, 0.2 A
- **Power Supply Output**: 6.0 V DC, 0.5 A, Constant Current

Visit www.thermoscientific.com/s1pipetfiller for more information