



Pipetting

# Redefining pipetting productivity

Fast pipetting performance and longer battery life



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# 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, and longer battery life.

The portable lightweight S1 Pipet Filler is designed for use with either glass or plastic serological pipettes. 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 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 pipette 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 pipettes.

### 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.



LCD battery display



Speed controls



## Redefining pipetting productivity

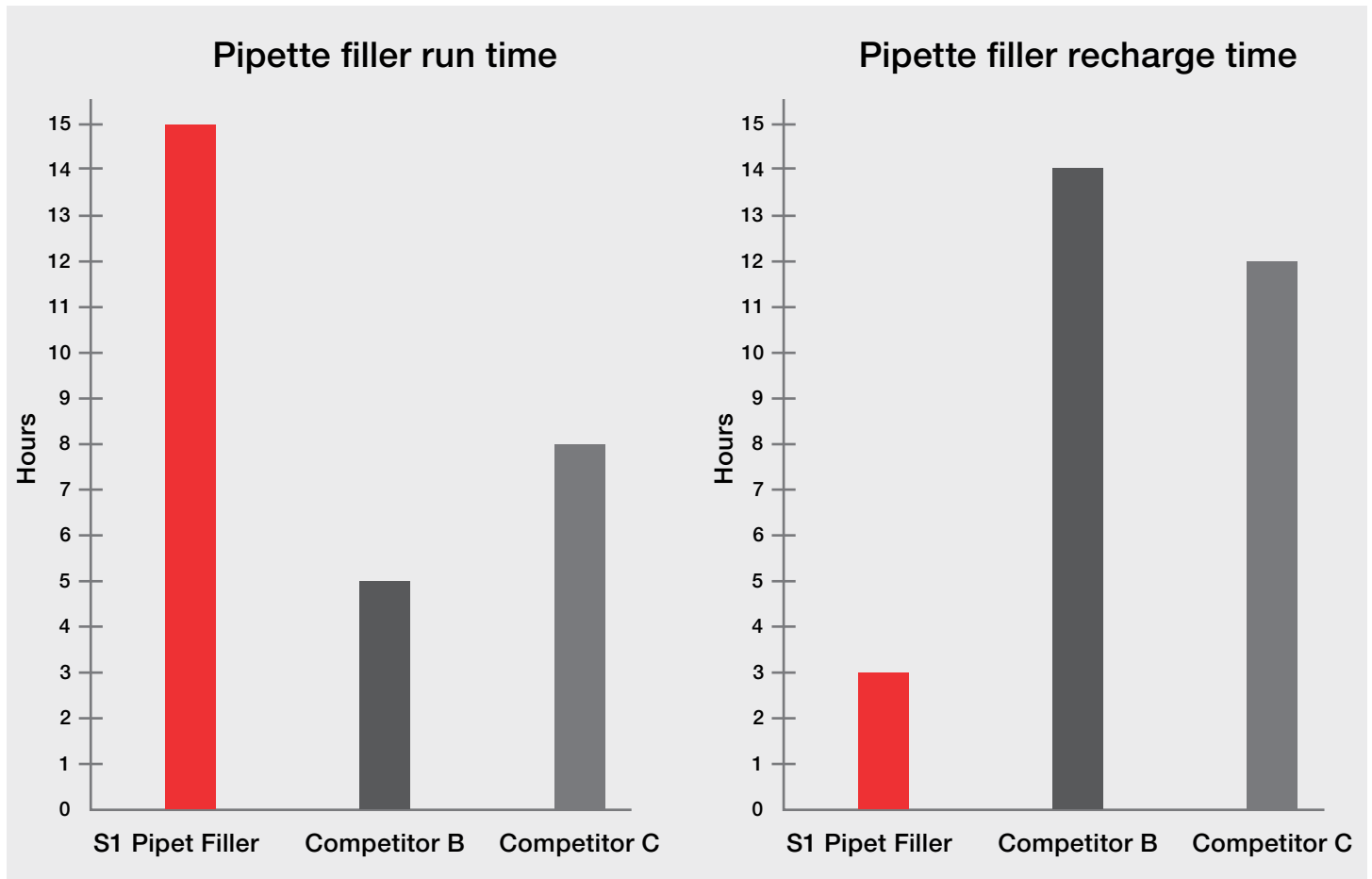


Figure 1. The S1 Pipet Filler can be used twice as long as other pipette fillers with NiMH batteries, while taking half the time to recharge.



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

- Cell culture
- Biotechnology
- Bioproduction
- Stem cell
- Food safety
- Microbiology
- Blood separation
- Molecular biology

## Ordering information

| Description                                  | Quantity | Cat. No |
|----------------------------------------------|----------|---------|
| <b>S1 Pipet Filler</b>                       |          |         |
| S1 Pipet Filler, white                       | 1 each   | 9501    |
| S1 Pipet Filler, clear                       | 1 each   | 9511    |
| S1 Pipet Filler, blue                        | 1 each   | 9521    |
| S1 Pipet Filler, red                         | 1 each   | 9531    |
| S1 Pipet Filler, green                       | 1 each   | 9541    |
| <b>Accessories</b>                           |          |         |
| Single Pipet Filler wall mount stand*        | 1        | 9066    |
| Single Pipet Filler table mount stand*       | 1        | 9067    |
| Power supply (universal input)*              | 1        | 9068    |
| 1 ml Pipet Filler support*                   | 1        | 9070    |
| Single Pipet Filler wing stand**             | 1        | 9069    |
| Silicone pipet gripper                       | 4/case   | 9065    |
| Hydrophobic filters, 0.45 µm, sterile        | 5/bag    | 9057    |
| Hydrophobic filters, 0.45 µm, non-sterile    | 5/bag    | 4580560 |
| Nosepiece (holder, silicone gripper, filter) | 1        | 9064    |

\*Included with your S1 Pipet Filler purchase.

\*\*Not available for use or sale within the United States or for importation into the United States.



Single pipette filler wall-mounted holder



Single pipette filler wing stand\*\*

## 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 pipette | 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 voltage fluctuations (for external power supply) | 90 V AC or 264 V AC                                                |
| Transient overvoltage (for the power supply)                  | Installation category II                                           |
| Applicable rated pollution degree                             | Pollution degree 2 (normally only non-conductive pollution occurs) |

### Physical characteristics

|                           |                                                                         |
|---------------------------|-------------------------------------------------------------------------|
| Weight                    | 220 g                                                                   |
| Nosecone pipette holder   | Autoclavable silicone rubber                                            |
| Pipette compatibility     | All major brands of glass or plastic serological pipette, 1 ml – 100 ml |
| <b>Power requirements</b> |                                                                         |
| 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                                       |

† For optimal performance of pipette filler.



## Thermo Scientific™ Nunc™ Serological Pipets are accurate, disposable plastic pipettes calibrated to deliver to the tip.

Sterilized and plugged for convenience, these pipettes are an excellent choice for cell culture applications and have a certified Sterility Assurance Level (SAL) of 10<sup>-6</sup>.



| Capacity | Grad. | Neg. grad. | Tolerance | Qty./bag | Cat. No |
|----------|-------|------------|-----------|----------|---------|
| 1        | 0.01  | 0.3        | ±0.02     | 200      | 159609  |
| 2        | 0.01  | 0.3        | ±0.04     | 125      | 159617  |
| 5        | 0.1   | 2          | ±0.10     | 50       | 159625  |
| 10       | 0.1   | 3          | ±0.20     | 50       | 159633  |
| 25       | 0.2   | 10         | ±0.50     | 50       | 159641  |
| 50       | 0.5   | 10         | ±0.75     | 25       | 159668  |

Learn more at [thermofisher.com/s1pipetfiller](https://thermofisher.com/s1pipetfiller)

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