

## Thermo Scientific Matrix Serological Pipette

The Thermo Scientific Matrix Serological Pipette is an innovative, intuitive, lightweight, cordless pipette for use with glass or plastic serological pipets. Easy and comfortable to operate, it features a heavy-duty rechargeable lithium-ion battery guaranteed for life which operates approximately three to four times longer between charges than typical units using nickel cadmium batteries.



**Advanced Battery Technology.** Thermo Scientific Matrix Serological pipettes use a lithium-ion rechargeable battery that comes with a lifetime guarantee. The battery has a rapid charge rate of 80% in one hour and delivers up to 20 hours of continuous operation before needing to be recharged. Additionally, lithium-ion technology solves traditional "battery memory" problems.

**Monitor Performance.** The backlit LCD display screen shows remaining battery life, minimizing the risk of a slowing pipette in the middle of a procedure. Current speed settings are indicated on the display for convenience.

**Control Speed.** Separate aspirate and dispense buttons on the rear of the Matrix® Serological pipette 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.

**Eliminate Pipet Wobble.** The nosepiece accommodates pipet tips from 1 ml to 100 ml and with the included pipet stabilizer, 1 ml pipets will hold as securely as larger sizes.

**Easy Identification.** The Serological pipette is available in five different colors for user or task identification, and features an ID area for customization or personalization. Secure pipettes with a weighted table stand or wall-mounted holder when not in use.

## Thermo Scientific Matrix Serological Pipette Specifications

### Performance Characteristics

Aspirate Speeds	8
Dispense Speeds	8 (+ Gravity Dispense)
Battery	Lithium-Ion
Runtime between Charges	20 Hours of Continuous Use
Recharge Time	Approximately 1 Hour
Fill Time for 50 ml pipet	6.5 seconds

### Physical Characteristics

Weight	220 g
Nosecone Pipet Holder	Autoclavable 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

### 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)

\* For optimal performance of Serological Pipette

### Ordering Guide

Item No.	Description	Qty
9501	Serological Pipette, White	1 each
9511	Serological Pipette, Clear	1 each
9521	Serological Pipette, Blue	1 each
9531	Serological Pipette, Red	1 each
9541	Serological Pipette, Green	1 each

### Accessories

Item No.	Description	Qty
9057	Hydrophobic Filters, 0.45 µm	25/case
9064	Nosepiece (holder, gripper, filter)	1 each
9065	Silicone Pipet Gripper	4/case
9065	Single Pipette Wall Mount	1 each
9067	Single Pipette Bench Stand	1 each
9068	Power Supply (Universal Input)	1 each
9070	1 ml Pipet Support	1 each