

# Hybrid Pipetting System Compatibility Chart

Tips packed 10 racks of 96.

		Hybrid Pipettes			Compatible ClipTips			
Tip Volume	Range	Single Channel	8-Channel	12-Channel	Bulk	Racked	Sterile Racked	Filter/Sterile Racked
● 12.5 µl	0.5-12.5 µl	1081	2310	2320	7120▲	7121	7122	7165
● 30µl	2-30 µl	1082	2312	2322	7120▲	7121	7122	7175
● 125 µl	10-125 µl	1083	-	-	7130◆	7131	7132	7135
● 300 µl	20-300 µl	1084	2315	2325	7130◆	7131	7132	7135
● 1250 µl	100-1250 µl	1085	-	-	7140◆	7141*	7142*	7145*

◆ Bulk, 500 tips ▲ Bulk, 1000 tips \* 8 Racks of 96 tips

## Ordering Guide

### Single Channel Hybrid Pipette

1081	12.5 µl (0.5-12.5 µl)
1082	30 µl (2-30 µl)
1083	125 µl (10-125 µl)
1084	300 µl (20-300 µl)
1085	1250 µl (100-1250 µl)

### 8-Channel Hybrid Pipette

2310	12.5 µl (0.5-12.5 µl)
2312	30 µl (2-30 µl)
2315	300 µl (20-300 µl)

### 12-Channel Hybrid Pipette

2320	12.5 µl (0.5-12.5 µl)
2322	30 µl (2-30 µl)
2325	300 µl (20-300 µl)

### Thermo Scientific Matrix ClipTips

7120	12.5/30 µl Tip, Bulk
7121	12.5/30 µl Tip, Racked
● 7122	12.5/30 µl Tip, Racked
7130	300 µl Tip, Bulk
7131	300 µl Tip, Racked
● 7132	300 µl Tip, Racked
7140	1250 µl Tip, Bulk
7141	1250 µl Tip, Racked
● 7142	1250 µl Tip, Racked

### Filter ClipTips

● 7165	12.5 µl Filter Tip
● 7175	30 µl Filter Tip
● 7135	125/300 µl Filter Tip
● 7145	1250 µl Filter Tip

● = Sterile

**GUARANTEED 100% PURE** Certified free of DNA, DNase, RNase, Endotoxins, and Cytotoxins.



#### Item# 1089 - Starter Pack - (2 – 1250 µl)

Includes three single channel pipettes (Item #1082, 1084, 1085), a 6-position carousel charge stand (#1091), and three racks of ClipTips (one each of #7121, #7131, and #7141).  
Item# 1091 - Carousel Charge Stand (6-position)

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## Service and Support

Our certified technicians work in partnership with you to keep your pipettes performing at their peak; we will calibrate and repair Thermo Scientific Matrix manual, hybrid and electronic pipettes as well as most other pipette brands and models. We understand how vital these instruments are to your success and take pride in setting the industry standard through service excellence.

Specially designed pre-addressed pipette shipping boxes provide the ultimate in convenience with a single documentation form to select service options and certify proper decontamination. Free shipping via FedEx ensures pipettes arrive at our facility quickly, reducing the time away from your lab. Contact your sales representative or call 800.345.0206 to have these pre-paid pipette shipping boxes delivered right to your door.



**MATRIX**  
Hybrid Pipettes

## Welcome to the Next Generation.

Revolutionary Tip Interface  
Cutting Edge Volume Adjustment  
Exceptional Ergonomic Design

**Thermo**  
SCIENTIFIC

Part of Thermo Fisher Scientific

**Thermo**  
SCIENTIFIC

Designed as the ultimate pipetting system, the Thermo Scientific Matrix Hybrid Pipette with Thermo Scientific Matrix ClipTips represent the next generation in liquid handling. The Matrix Hybrid pipette combines the lightweight feel and control of a manual pipette with the automatic volume adjustment of an electronic pipette for faster, more productive pipetting.

**A Touch of Brilliance.**

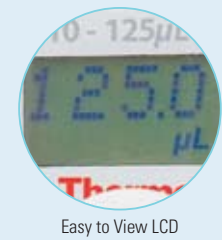
Exclusively for use with the Thermo Scientific Matrix Hybrid pipettes, our innovative Matrix ClipTips lock onto the pipette with minimal application pressure for a straight and secure seal every time. By preventing loose or leaky tips you will save precious time and money and remain confident in your results.

**A Deft Approach.**

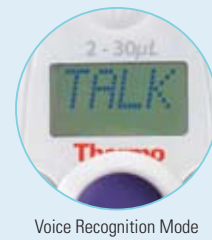
Designed for one-handed use, the Matrix Hybrid pipette features electronic volume setting via simple incremental scroll buttons or pre-set volume adjustments. Volume may also be controlled with voice commands using state-of-the-art voice recognition (VR) technology; simply speak the amount and the volume changes automatically.

**Exceptional Ergonomics.**

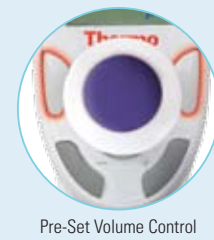
The Matrix Hybrid pipette is designed to maintain the traditional lightweight feel and plunger control of a manual pipette while leveraging the inherent benefits of an electronic pipette. A choice of rapid, microprocessor-controlled, volume adjustment eliminates tedious knob twisting, allowing for increased productivity. The systematic approach of low plunger and ejection forces combined with Matrix ClipTip technology enhances comfort and control, reducing the risk of repetitive strain injury.



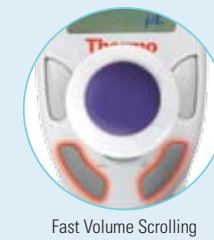
Easy to View LCD



Voice Recognition Mode



Pre-Set Volume Control



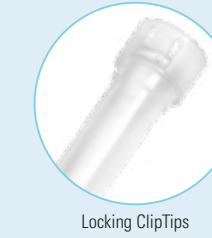
Fast Volume Scrolling



Comfortable Operation



Easy Tip Ejection



Locking ClipTips



Light Tip Application



**Color-coded Volume Indicators.**

Simply match the color of the pipette with the corresponding Matrix ClipTip rack label. Tip racks featuring multiple colored labels are compatible with a range of Matrix Hybrid pipettes.

Tip	Pipette
● ● 12.5 μl/30 μl	0.5-12.5μl 2-30μl
● ● 125μl/ 300μl	10-125μl 20-300μl
● 1250μl	100-1250μl



**Minimal Application and Ejection Forces** – The unique Matrix ClipTips interface delivers assurance of an effective seal without the need to apply excessive force or having to “bang on” the pipette tip. Simply touch the pipette to the Matrix ClipTip and it locks in place – only to be released when ejected.

**Binary Design** – The pipette tip is “On” or “Off” for the most secure seal possible, eliminating loose, uneven or leaking tips.

**Extended Length Tips** – Matrix ClipTips reach the bottom of tubes and vessels without contact with the pipette, minimizing cross contamination between samples.

**Automatic Volume Adjustment** – Intelligent processor-controlled volume adjustment mechanisms accurately set each volume range with a precise control algorithm, eliminating tedious manual adjustments

- **Volume Scrolling** - Incremental adjustment using the “+” and “-” buttons.
- **QUICK-set Mode** - Toggle between six user-defined pre-set volumes that are stored in memory.
- **Voice Recognition** – Simply speak the amount and the volume adjusts accordingly.

**Comfortable Operations** – Contoured grip fits naturally and comfortably in the hand and light plunger forces reduce strain. Additionally, Matrix ClipTips apply and eject with minimal force.

**Extended Battery Life** – Rechargeable, long-lasting Lithium-Ion battery enables long life between charges with no battery memory effect.

**Charge Stand** – A revolving carousel automatically charges up to six pipettes.

**Easy to view LCD** – The large, easily readable display is centrally located on the face of the pipette, allowing the screen to be viewed during operation with either hand.

**Quick and Easy In-lab Calibration** – Calibration is simple; use One-Point calibration when pipetting a specific volume consistently or Two-Point calibration when pipetting throughout the entire volume range of the pipette.

