

Hybrid Pipetting System Compatibility Chart

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

Tips packed 10 racks of 96. ♦ Bulk, 500 tips ▲ Bulk, 1000 tips * 8 Racks of 96 tips

Ordering Guide

Single Channel Hybrid Pipette

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

Thermo Scientific Matrix ClipTips

7120	12.5/30µl Tip, Bulk
7121	12.5/30µl Tip, Racked
● 7122	12.5/30µl Tip, Racked

● = Sterile

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

7130	300µl Tip, Bulk
7131	300µl Tip, Racked
● 7132	300µl Tip, Racked
7140	1250µl Tip, Bulk
7141	1250µl Tip, Racked
● 7142	1250µl Tip, Racked

Filter ClipTips

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

Pipette Service and Repair

Expert Calibrations, Preventive Maintenance, and Repair Services

Our factory-trained, certified technicians perform electronic and manual pipette services. Simply ship one or multiple pipettes in a pre-paid pipette service box to our facility. Most calibrations are performed in less than 48 hours. Our expertise extends to all pipettes in the industry, from any brand, model, or manufacturer. In North America, contact us at matrix.technicalservice@thermofisher.com or 888.363.6631 to get your free shipping packages.



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

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)

North America: Tel: 800.345.0206 | email: matrix.info@thermofisher.com
Europe: Tel: +44(0) 161 486 2110 | email: matrix.eu.info@thermofisher.com
Asia: email: matrix.ap.info@thermofisher.com
web: www.thermo.com/matrix

© 2007 Thermo Fisher Scientific Inc. All rights reserved. All trademarks are the property of Thermo Fisher Scientific Inc. and its subsidiaries.

Thermo
SCIENTIFIC

Part of Thermo Fisher Scientific

Thermo
SCIENTIFIC

Welcome to the Next Generation.

Revolutionary Tip Interface.
Cutting-edge Volume Adjustment.
Exceptional Ergonomics.



MATRIX
Hybrid Pipettes

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

A Touch of Brilliance.

Designed exclusively for use with the Matrix hybrid pipette, ClipTips lock onto the pipette with minimal application force, and won't release until ejected. Simply touch the pipette to the ClipTips for a secure seal. No more loose, leaking tips prone to falling off in mid- aspiration or dispense.

A Deft Approach.

Designed for one-handed use, the Matrix hybrid pipette features a manual plunger and electronic volume adjustment via simple scroll buttons, and the ability to store most frequently used volumes for instant access. Volume can also be adjusted using state-of-the-art voice recognition (VR) technology. Simply speak the desired volume, and the pipette automatically adjusts.

Exceptional Ergonomics Design.

The ergonomically crafted design maintains the traditional lightweight feel of a manual pipette, allowing for graceful liquid handling. The volume adjustment is microprocessor controlled, while light plunger forces facilitate superior comfort and control. ClipTips technology enables tips to be securely seated with a light touch of the pipette and eject with an equally light motion. Together, the system reduces the risk of repetitive strain injury (RSI).



Locking ClipTips



Light Tip Application



Easy Tip Ejection



Fast Volume Scrolling



Voice Recognition Mode



Pre-Set Volume Control



Comfortable Operation

Minimal Application and Ejection Forces – The unique 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 ClipTip and it locks in place –only to be released when ejected.

Binary Design – The pipette tip is ‘On’ or ‘Off’ only for the most secure seal possible, eliminating loose, uneven, or leaking tips.

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

Automatic Volume Adjustment – Intelligent microprocessor accurately adjusts volume with a precise control algorithm. Three volume set modes enable rapid volume changes, eliminating tedious knob twisting.

- **Volume Scrolling** - Incremental adjustment using the Up and Down Scroll buttons.
- **QUICK-set Mode** - Toggle between six user defined pre-set volumes that are stored in memory.
- **Voice Recognition** – Simply speak to the pipette and the volume adjusts accordingly.

Comfortable Operations – Contoured grip fits comfortably and naturally in the hand and light plunger forces enhance comfort. ClipTips apply and eject with minimal force.

Extended Battery Life – Equipped with a rechargeable, long-lasting Lithium-Ion battery, it allows for long life between charges with no battery memory effect.

Charge Stand – A six position revolving stand automatically charges up to six pipettes.

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

Quick and Easy In-lab Calibration – Calibration is simple, requiring only a few key strokes and no tools. One-Point calibration is available when pipetting a specific volume consistently; Two-Point calibration when pipetting throughout the entire volume range of the pipette.



Color Coded Volumes – Simply match the color of the hybrid pipette with the corresponding ClipTip rack label. ClipTip racks featuring multi-colored labels are compatible with several volume ranges of pipettes.

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