

Thermo Scientific PocketTips®

Thermo Scientific PocketTips are nanoliter dispensing pipette tips with an internally molded capillary pocket that holds 50 to 500 nl, enabling researchers to conserve time, precious sample and cost by using their current liquid handling instrumentation for low volume transfers. Eliminate intermediate pipetting steps, necessary with traditional methods, by transferring samples directly to the assay plate and improve data quality with in-tip mixing.



Instrument Compatibility. PocketTips are compatible with many industry standard 96- and 384-channel automated liquid handling platforms and with a broad range of pocket volumes, including 50 nl, 100 nl, 250 nl and select 96-channel 500 nl pocket sizes, enabling existing equipment to be used for new innovative pipetting procedures.

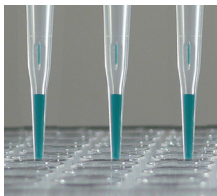
Conserve Time, Labware and Reagents. By transferring nanoliter volumes directly to the assay plate, eliminate timely aqueous dilution steps that can cause precipitation and result in unreliable data, while generating labware and reagent savings. Gently combine sample and assay material with soft in-tip mixing, removing the need for offline procedures and improving data quality through thorough mixing without damaging sensitive material.

Highest Quality. Consistent accuracy and precision is tightly controlled during the tip molding process and dispensing performance is independent of the pipetting instrument. A coefficient of variation of less than 6% can be achieved for any pocket size.

Knowledgeable Support. Our automation specialists are available to assist with instrument programming and modifications or instrument validation of any PocketTip.

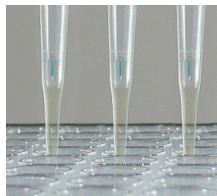
Product Specifications

Thermo Scientific PocketTips Workflow

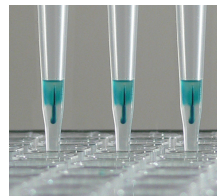


Step 1: Source Plate: Sample aspirated and pocket fills to capacity (50 nl, 100 nl or 250 nl)

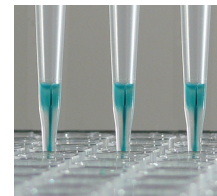
Step 2: Source Plate: Sample dispensed back to vessel and pocket remains full



Step 3: Wash Plate: The portion of the tip below the pocket is washed to eliminate carryover



Step 4: Destination Plate: Sample/liquid in destination plate is aspirated to pocket level in the tip



Step 5: Destination Plate: Sample from the pocket and destination plate are dispensed back to the destination plate

Ordering Guide

Item No.	Description	Qty
A10-ALH384-100	PocketTips for Caliper® Sciclone ALH 384-Channel Head, 100 nl pocket	50 racks of 384 tips/case
A14-ALH384-250	PocketTips for Caliper Sciclone ALH 384-Channel Head, 250 nl pocket	50 racks of 384 tips/case
ALH384-50	PocketTips for Caliper Sciclone ALH 384-Channel Head, 50 nl pocket	50 racks of 384 tips/case
FLIPR384B-250	PocketTips for Molecular Devices® FLIPR® Liberty B 384-Channel Head, 250 nl pocket	50 racks of 384 tips/case
FLIPR384B-50	PocketTips for Molecular Devices FLIPR Liberty B 384-Channel Head, 50 nl pocket	50 racks of 384 tips/case
FX384P30-100	PocketTips for Biomek® FX 384-Channel Head, 100 nl pocket	50 racks of 384 tips/case
FX384P30-250	PocketTips for Biomek FX 384-Channel Head, 250 nl pocket	50 racks of 384 tips/case
FX384P30-50	PocketTips for Biomek FX 384-Channel Head, 50 nl pocket	50 racks of 384 tips/case
FX96P20-100	PocketTips for Biomek FX 96-Channel Head, 100 nl pocket	50 racks of 96 tips/case
FX96P20-250	PocketTips for Biomek FX 96-Channel Head, 250 nl pocket	50 racks of 96 tips/case
FX96P20-50	PocketTips for Biomek FX 96-Channel Head, 50 nl pocket	50 racks of 96 tips/case
FX96P20-500	PocketTips for Biomek FX 96-Channel Head, 500 nl pocket	50 racks of 96 tips/case
PE384P30-100	PocketTips for PerkinElmer® Style 384-Channel Head, 100 nl pocket,	50 racks of 384 tips/case
PE384P30-50	PocketTips for PerkinElmer Style 384-Channel Head, 50 nl pocket	50 racks of 384 tips/case
PE96P235-100	PocketTips for PerkinElmer P235 Style 96-Channel Head, 100 nl pocket	50 racks of 96 tips/case
PE96P235-250	PocketTips for PerkinElmer P235 Style 96-Channel Head, 250 nl pocket	50 racks of 96 tips/case
PE96P235-50	PocketTips for PerkinElmer P235 Style 96-Channel Head, 50 nl pocket	50 racks of 96 tips/case
STAR384P30-100	PocketTips for Hamilton Star with FX 384-Channel Head, 100 nl pocket	50 racks of 384 tips/case
STAR384P30-250	PocketTips for Hamilton Star with FX384 Channel Head, 250 nl pocket	50 racks of 384 tips/case
STAR384P30-50	PocketTips for Hamilton Star with FX 384-Channel Head, 50 nl pocket	50 racks of 384 tips/case
U200-100	PocketTips for Universal Fit 96-Channel Head, 100 nl pocket	50 racks of 96 tips/case
U200-250	PocketTips for Universal Fit 96-Channel Head, 250 nl pocket	50 racks of 96 tips/case
U200-50	PocketTips for Universal Fit 96-Channel Head, 50 nl pocket	50 racks of 96 tips/case

Compatible Products

Beckman® Biomek and Multimek™ 96 and 384	Caliper ALH, Sciclone, Zephyr® and RapidPlate
PerkinElmer PlateTrak™ 384, MiniTrak™ 384 and Evolution™ P3	Hamilton Star and Starlet
Tecan® Te-MO™ and GenMate	Molecular Devices FLIPR Liberty 384 and TETRA®

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