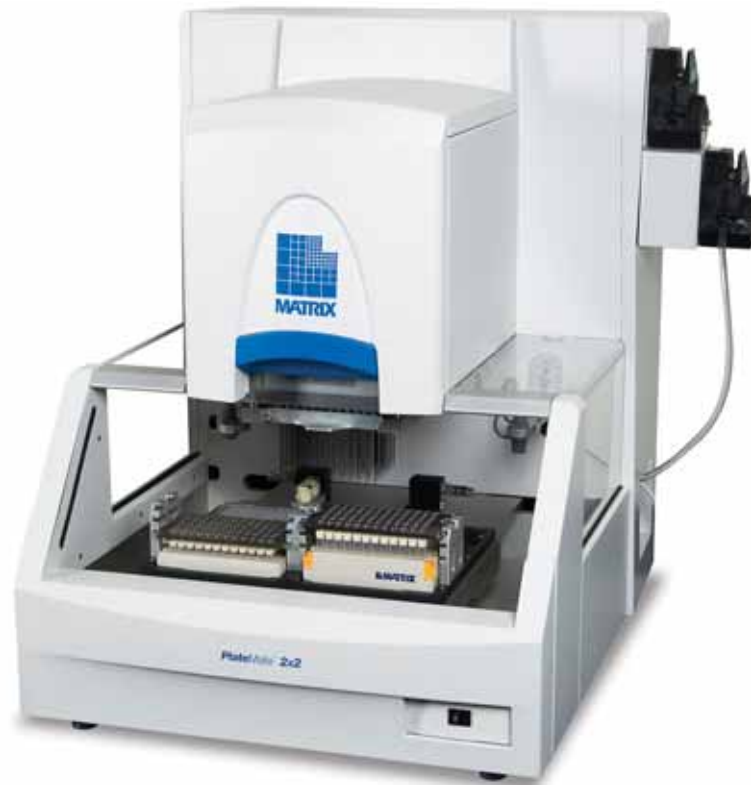




## PlateMate® 2x2 SeptraSeal® Piercing Kit

### PlateMate® 2x2 SeptraSeal® Piercing Kit



#### FEATURES

- Simultaneously Access 96 Sealed Tubes
- Adjustable Tube Rack Height
- 2 Tube Rack Positions
- Compatible with any PlateMate 2x2 Instrument
- Compatible with all Matrix Storage Tubes

#### BENEFITS

- Greatly increase throughput over one or 8-channel methods
- Compatible with 0.5ml, 0.75ml, and 1.4ml ScreenMates® & TrakMates® tubes with the same kit
- Access up to two tube racks per run
- Enables septum piercing on the extremely flexible PlateMate 2x2 platform without compromising functionality
- Access round bottom or v-bottom tubes sealed with pre-slit SeptraSeals®

Increase sample throughput over single or 8-channel methods with the PlateMate 2x2 SeptraSeal Piercing Kit. The septum piercing kit enables the PlateMate 2x2 to simultaneously access 96 sealed tubes. This kit is compatible with the complete line of 96 format TrakMate tubes fitted with Matrix pre-slit SeptraSeals. Compatible with both round bottom and v-bottom Matrix tubes in volumes of 0.5ml, 0.75ml, and 1.4ml, the PlateMate 2x2 can be configured with up to two tube rack positions for septum piercing.



**PlateMate® 2x2**  
SeptraSeal Piercing Kit

PlateMate 2x2 SeptraSeal Piercing Kit

PRODUCT HIGHLIGHTS

- Robust PlateMate 2x2 septum piercing kit ensures reliable tube access
- Modular design simplifies the transition from tube piercing to other applications
- Flexible 8, 12, or up to 96-channel pipetting into or out of sealed tubes
- Field upgradeable design works with all current PlateMate 2x2 instruments



PRODUCT SPECIFICATIONS

Piercing Kit	
Dimensions (HxDxW)	3x8x12", 4 lbs
Dimensions (HxDxW)	7.5x20x30.5cm, 2 kg

Septum Piercing System Specifications	
Sealed tube positions	2, (stage 3 and/or stage 4)
Compatible Seal	Pre-slit SeptraSeal
Tube Compatibilities	ScreenMates/TrakMates
Tube Compatibilities	0.5 ml, 0.75 ml, 1.4 ml
Destination Plate Compatibility	96, 384
Destination Plate Compatibility	Deep well, standard, low profile
Maximum Transfer Volume	30µl with %CV less than 2.0%
Minimum Transfer Volume	1µl with %CV less than 10%

PIERCING KIT REQUIREMENTS

Catalog Number	Description
301-10001 or 301-10005	PlateMate 2x2 base unit
501-20004	Pipetting head, 96-channel 0.5-30µl
501-20006	96-channel 0.5-30µl Teflon coated stainless steel probes
301-30001 or 301-30008	Tip wash station, 96-channel
101-10001	Windows® based PC or any Windows-based PC



SeptraSeal Pre-Slit Caps



KIT COMPONENTS

Item	(Quantity)
Stage assembly	(1)
96-channel tube stripper plates	(2)
3-level stripper plate supports (left, center, right)	(3)
Centering pins	(4)

PERFORMANCE SPECIFICATIONS

Septum Seal Type	Probe Type	Volume Range	Expected Precision at 1.0µl	Expected Precision at 3.0µl	Expected Precision at 10µl	Expected Precision at 30µl
Pre-slit SeptraSeal	96-channel 30ul (501-20006)	1.0 - 30µl	10%	5.0%	2.0%	2.0%

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