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Find the *Thermo / Applied Biosystems Prism 377* at our website: *Click HERE*

Applied Biosystems

The 96-Lane Upgrade— More Productivity from the ABI PRISM® 377 DNA Sequencer

- **Higher sample throughput with fewer gels and less gel pouring**
- **Improved automation**
- **Faster sample loading**
- **Compatible with your current methods**
- **Easy installation**

With the ABI PRISM® 96-lane upgrade, you can run 96 samples per run on any ABI PRISM® 377 system. That's 267% more samples per gel than with a standard 36-lane ABI PRISM® 377 system and a 50% increase in sample throughput compared to the ABI PRISM® 377 XL system. What's more, the run time is the same as with an ABI PRISM® 377 XL system. So you can easily increase your daily sample throughput and decrease your cost.

But there's more to the 96-lane upgrade than adding throughput. The upgrade enhances the performance of your ABI PRISM® 377 system to ensure you get the best possible results with every gel and sample that you run.

Neural Net Tracking

Our Neural Net Tracker, contained within Sequencing Analysis and GeneScan® software, significantly improves the number of gels that are tracked with 100% accuracy. This translates into much less hands-on technician time in the tracking process.

Larger Scan Window

To accommodate additional lanes without compromising sensitivity, the ABI PRISM® 96-lane upgrade increases the scan window by 20% to 7.5 inches. This provides the maximum space per lane and improves integration.

Simplified Sample Loading

The front glass plate is modified to enable the use of a 0.4 mm comb. This permits the user to load into a larger well, making loader manipulation much easier. The rear glass plate is unchanged.

Compatible With All Your Protocols

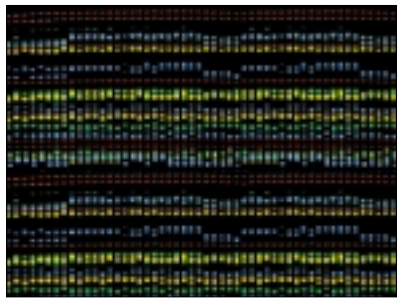
The ABI PRISM® 96-lane upgrade has been designed and tested for use with the ABI PRISM® 377 DNA Sequencing System and its associated software. It is compatible with all of the applications and protocols you are currently running on your ABI PRISM® 377 systems. Some optimization may be necessary for certain protocols.

Easy Installation

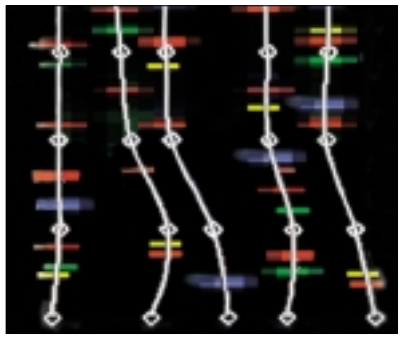
The ABI PRISM® 96-lane upgrade is installed by an Applied Biosystems service representative and includes customer training.

What the Upgrade Includes

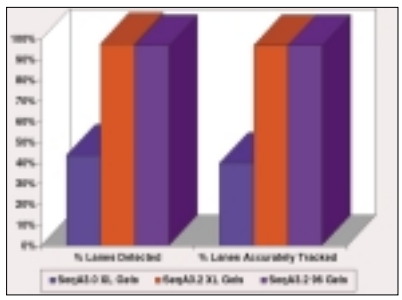
- Two complete sets of 96-lane step plates, choice of 36 cm or 48 cm
- Two 0.4 mm 96-well sharkstooth combs
- Two sets of spacers
- 96-lane firmware
- 96-lane data collection software
- The latest versions of ABI PRISM® DNA Sequencing Analysis software or GeneScan® software (current user license required)
- Three gel clamps
- User's manual
- On-site training



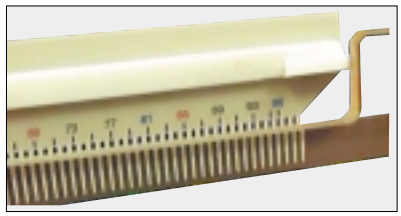
The 96 lane upgrade supports both GeneScan® software (shown) and sequencing applications.



On track: The new Neural Net Tracker tracks all 96 lanes and with a high degree of accuracy.



Improved automation: The new Neural Net Tracker gives you more accurate results automatically-with no trade-offs in sensitivity, accuracy, or scan time.



A new 0.4 mm comb-color coded to facilitate easy sample loading.

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Hardware Requirements

The ABI PRISM® 96-lane upgrade can be installed on any ABI PRISM® 377 system running data collection version 2.6 on a Power Macintosh® computer, or 3.x or higher for the Windows® operating system.

Service and Warranty

- 90-day limited warranty on parts and labor
- Service installation and training kit

Accessories

Accessories	Part Number
36 cm Step Plate	4305384
48 cm Step Plate	4305387
96-Lane 0.4 mm Mylar Comb	4305335
96-Lane 0.4 mm Single Use Combs (box of 50)	4309457
Mylar Casting Comb (0.4mm)	401915
Stainless Steel Clamp	4305386
36 cm Step Plate Kit (1 each—Both Plates & Spacers)	4305693
48 cm Step Plate Kit (1 each—Both Plates & Spacers)	4305810

Ordering

96-Lane Upgrade Part Number	Serial Number
4326579*	Non XL 96021168 and below
4326578*	Non XL 96021169 and above
4326580	Any XL Upgrade 377

* Includes 48- and 64-Lane Combs and XL Upgrade Manual.

Loader Information

The companies below supply loaders that have been designed specifically for the 377 96-Lane Upgrade.

Supplier	World Headquarters	Product	Part No.
Kloehn Company	Las Vegas, NV, USA Voice: (702) 243-7727 Web: http://www.kloehn.com	Loader, 0.25-mm	18597
World Precision Instruments, Inc.	Sarasota, FL, USA Voice: (941) 371-1003 Web: http://www.wpiinc.com	Loader	Gel Mate 96

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