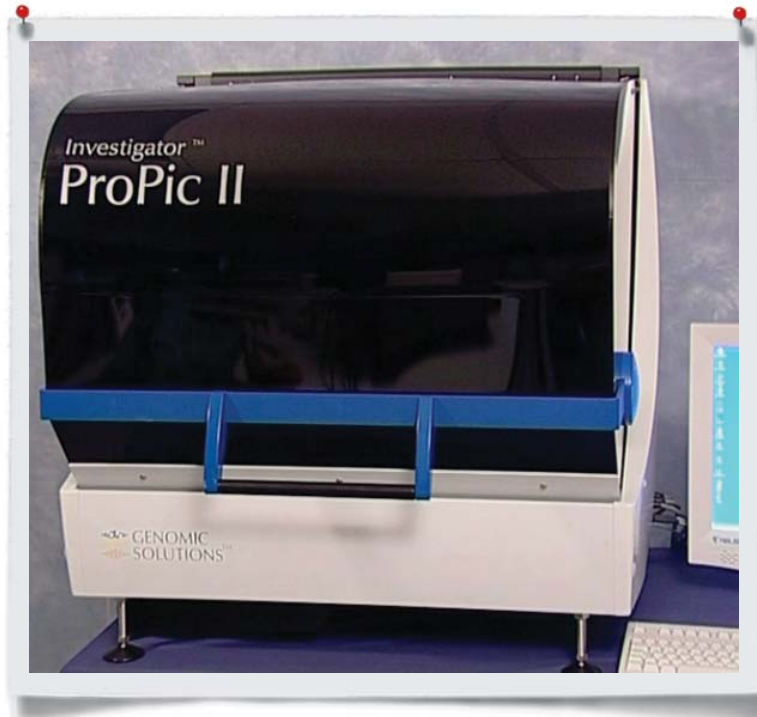


## ProPic II • ProPic II DIGE

Setting a New Benchmark in Gel Imaging and Picking.



### New from the Innovation Leader in Protein Excision - Our Third Generation of Integrated Imaging and Picking

- Single platform
- Small footprint
- 10x improvement in picking accuracy
- 16-bit imaging
- Seamless integration with DIGE
- Direct imaging and picking from gels stained with all commonly used fluorescent and visible stains

The ProPic™ II is one component of the Investigator™ Proteomic System suite of instruments, providing a continuous information stream for your proteomic research. The ProPic II allows fully integrated, single-platform image acquisition combined with excision of protein features from electrophoresis gels. Unlike a multi-instrument system, the ProPic II is a more cost effective solution and eliminates operational complexity prior to downstream sample preparation for mass spectrometry. The ProPic II DIGE offers all the features of the ProPic II *plus* seamless integration with 2D Differential Gel Electrophoresis (DIGE).

# ProPic II • ProPic II DIGE

## • Integrated Imaging and Picking

The ProPic II is a fully integrated system that allows imaging and picking on the same platform. Less gel manipulation results in minimized gel damage and contamination. Automated picking increases reproducibility and throughput while freeing up user time for other tasks. Since all electronic files reside on the same PC, data and record tracking is much simplified.

## • Small Footprint

The ProPic II is one of the most compact integrated systems on the market, allowing maximum use of lab space with no compromise in performance.

## • Unique High-Resolution Imaging

The imaging system includes a Peltier-cooled camera (CCD) with high-resolution 16-bit line scanning for better detection of many low abundant proteins.

## • Highly Accurate and Reliable Picking

Built on the same precision platform as our market-leading, bench-top microarrayer and using proven reliable picking technology, the ProPic II offers a 10-fold improvement in tip positioning over the previous model. The result is the highest accuracy and reliability in picking even the smallest and most closely resolved protein features.

## • Direct Imaging and Picking

The ProPic II allows direct imaging and picking from 1D and 2D gels stained with all commonly used visible and fluorescent protein stains. A large gel tray accommodates most gel sizes. A complete range of gel picking heads supports multiple gel formats, including plastic backed, glass backed and non-backed gels. Based on patented technology, gel plugs are excised using gel hydration, cutting, and gentle vacuum extraction before being transferred into 96-well plates. Carry-over is eliminated with the use of a wash station.

## • Seamless Integration with DIGE

Standard DIGE functionality within the ProPic II DIGE allows streamlined and integrated spot excision directly from 2D DIGE gels analyzed with DeCyder® image analysis software.

## • Easy-to-Use "Click and Pick" Software

The ProPic II comes with 'Click and Pick' software that can be used to identify protein spots of interest and generate picking lists directly interpreted by the instrument. For users who require extended gel analysis prior to picking, any image analysis software package can be used to create a pick list that can then be downloaded to the Investigator ProPic II for protein excision. The output file created by the ProPic II can be used by most digestion and spotting robots enabling essential sample tracking data to be recorded.

## • Full Gel Environment Control

The processing environment of the ProPic II is fully enclosed for light-tight, keratin-free operation. The standard, software-controlled gel rehydration system can be upgraded with HEPA filtration, humidification and cooling for complete gel environment control.

## A Full Line of Proteomic Products for Your Lab

Be sure to check out our comprehensive line of companion products, including...

...ProGest™ Protein Digestion Station

...ProMS™ MALDI Preparation Station

...ProPrep™ Protein Digestion and Mass Spec Preparation Station

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