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Find the *Digilab / Genomic Solutions Investigator ProGest* at our website: *Click HERE*

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Proteomics
Sample Preparation
2-D Electrophoresis
Automated Gel Staining
Image Acquisition
2-D Analysis
Protein Picking
Protein Arraying
Protein Digestion
MALDI Preparation
Data Integration

ProGest™

Protein Digestion Station



The ProGest Protein Digestion Station is an automated system for in-gel digestion of proteins. All washing steps, enzyme addition and thermal incubation cycles are automatically performed and controlled using a touch screen interface. The unit can also be controlled remotely.

Manual procedures often lead to inadequate recovery and reproducibility, as well as contamination that could interfere with your analyses. The ProGest eliminates such problems by automating these laborious manual procedures.

ProMS™

MALDI Preparation Station



The ProMS MALDI Preparation Station is an automated system for de-salting, concentrating and spotting of peptide samples onto MALDI targets. Automation of manual procedures saves valuable research time and increases the precision of MALDI sample preparation. The use of sample preparation tools, such as Millipore® ZipTips™, may also enable detection sensitivity down to the low femtomole level.

Investigator™ Proteomic Systems

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

Mass Spectrometry Sample Prep Solutions

Features of the ProGest

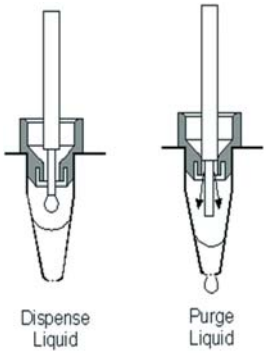
- **Increased Reproducibility**
  Automation of tedious manual procedures significantly decreases the introduction of human errors. The ProGest's microprocessor precisely controls the conditions of the in-gel digestion, increasing reproducibility and giving the researcher more confidence in the resulting data.

- **High Throughput**
  The ProGest automates the in-gel digestion of up to 96 protein samples per run. For even higher throughput, multiple units can be networked and controlled by a remote computer. The built-in timer enables overnight digestion, thus offering the option to do multiple digestions per day.

- **Versatility**
  Default protocols are stored on the integrated microprocessor and are accessible through the touch sensitive screen. Remote control and networking of the system is possible with the user-friendly method-editing software, thereby allowing customization of the protocols to fit your specific needs.

- **Clean & Keratin Free**
  The ProGest's fully enclosed processing environment minimizes sample handling and the risk of keratin contamination. Its unique method of sample processing requires no aspiration steps, thus eliminating risk of sample cross contamination or gel plug carry-over.

ProGest Method of Operation
Unique concentric dual needle design delivers liquid reagents and pressurized nitrogen to each well. Pierced reaction plates allow waste removal and sample recovery without aspiration steps.



Features of the ProMS

- **Increased Sensitivity**
  Striving for increased sensitivity means making the best of the tools at your disposal. When using ZipTips for sample preparation, absorption and desorption flow rates should be slow and constant. Reverse elution of the peptides from these devices further increases sensitivity. With our accurate and precise liquid handling system, you are in control of the kinetics.

- **High Flexibility**
  All of the commonly used commercial MALDI targets can be spotted using pre-programmed methods. The included Method Editor software allows additional customization of each protocol to fit your unique MS needs.

- **Ease of Use**
  The Investigator ProMS allows you to immediately experience the benefits of automation and with a default protocol that can easily be modified to meet your mass spec requirements. Setting up a cycle is easy and fast with the touch screen control.

Electrophoresis to Mass Spec Data Analysis - A Full Line of Proteomic Products for Your Lab.

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

...2-D Electrophoresis System
...Pre-Cast Gels, Reagents and Accessories
...Stack & Stain™ Automated Gel Stainer
...Investigator HT PC Analyzer & HT Analyzer 2-D Evolution Software
...ProPic™ Gel Analysis and Excision System
...ProPrep™ Protein Digestion and Mass Spec Preparation Station
...ProFound™ & Sonar MS/MS Mass Spec Search Engines
...Knexus, RADARS, & PWRHouse Mass Spec Data Integration Packages

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