DIGILAB®

ProGest™

Protein Digestion Station

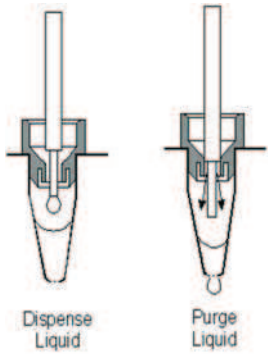
The ProGest Protein Digestion Station is an automated system for in-gel and in-solution digestion of proteins in order to prepare samples for **LC/MS** and/or **MALDI/TOF**. All washing steps, reduction(with DTT) and alkylation (with iodoacetamide) steps, enzyme activation and addition, and thermal incubation cycles are automatically performed and controlled using a **touch screen interface**. The unit can also be controlled using a desktop PC with the **user-friendly Methods Editor software.**

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

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 and in-solution digestion, increasing reproducibility and giving the researcher more confidence in the resulting data.
- **High Throughput**
  The ProGest automates the in-gel and in-solution digestion of up to 96 protein samples per run. For even higher throughput, multiple units can be networked and controlled by a computer. The built-in timer enables overnight digestion, thus offering the option to do multiple digestions per day.
- **Versatility & Flexibility**
  Default protocols are stored on the integrated microprocessor and are accessible through the touch sensitive screen. Custom made protocols may be created and edited using the user-friendly Methods Editor software, thereby allowing for 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.



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