

Axygen PlateMax® Semi-Automatic Plate Sealer

NEW!



'Large digital display'

'Adjustable sealing temperature'

'User-friendly control system'

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What's new

PlateMax® Heat Sealer: Versatility and convenience!

Axygen is now offering **PlateMax®**, a semi-automatic heated Plate Sealer ideal for the low-to-medium throughput laboratory that requires uniform and consistent sealing of microplates.

The PlateMax® sealer accepts a full range of plates for PCR, assay or storage applications and seals a wide range of plate heights.

The PlateMax Sealer control system features an intuitive layout and allows optimal settings for all types of plates and sealing materials.

Sealing parameters are set and displayed on the user-friendly control panel and the sealing operation is automated to ensure consistent results.

An aluminum adapter is used for PCR and standard assay plates. The motorized heated

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platen has a non-stick coating and adjusts automatically for different height plates and provides uniform pressure to ensure a quality seal.

The PlateMax Sealer has been designed with safety in mind. The internal heating elements are situated inside the instrument casing and an internal safety door prevents access to the heated area. The PlateMax also features motorized drawer safety switches – to protect both the user and the instrument.

Simple 3-Step Operation

1. Set time and temperature
2. Place a microplate in the open drawer
3. Place a heat seal on top of the plate and press the "SEAL" button

A large range of PlateMax adapters (*pic. below*), seal frames and heat sealing film are also available.



Genuine
AXYGEN
Quality

SPECIAL OFFERS

For more details on our current special offers click on any of the links below.

Yellowline Magnetic Stirrer with heating – special offer (valid to 31 Oct 11)

Animal Blood Serum Products – special offer (valid to 30 Sep 11)

BTX Electroporation Cuvettes – special offer (valid to 31 Aug 11)

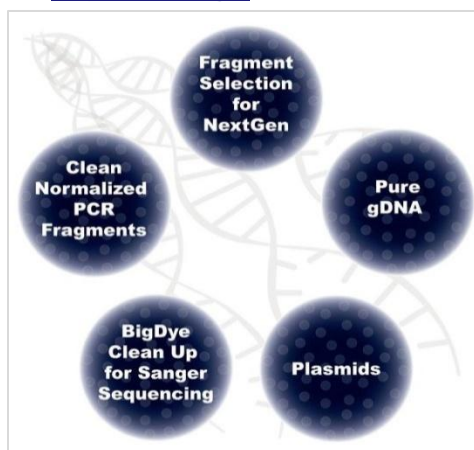
IKA Yellowline – stock clearance specials (valid while stocks last)

Request more information
- FREECALL 1800 066 077

Did you know?

AxyPrep Mag™: The Mighty Beads *NEW*

Axygen Bioscience has recently released a new magnetic bead based nucleic acid purification and clean-up product line, the **AxyPrep Mag®**.



All AxyPrep Mag kits utilize a unique paramagnetic bead-based chemistry for the purification and clean-up of nucleic acids making the DNA compatible with a variety of genomics downstream applications such as DNA Sequencing, Genotyping and Gene Expression.

AxyPrep Mag™ PCR Clean-up – post PCR clean-up simplified

AxyPrep Mag PCR Clean-up kit utilizes an optimized buffer to selectively bind PCR amplicons 60 bp and larger to magnetic beads. The protocol mainly consists of binding, washing and elution steps. Primers, nucleotides, salts and enzymes in reaction mixture are removed during the binding and washing steps. The purified PCR product is essentially free of contaminants.

The AxyPrep Mag PCR Clean-up kit protocol is scaleable and can be performed in a tube, 96 well and 384 well formats, providing end users with flexibility and high recovery. Tests have shown that the DNA recovery with AxyPrep Mag PCR Clean-up is at least as good as provided by other leading brand products.

AxyPrep Mag PCR Clean-up can be used in the following applications:

- PCR
- Sequencing (Sanger and Next Generation)
- Genotyping and SNP detection
- Restriction enzyme clean-up
- Cloning.

AxyPrep Mag™ DyeClean – scalable dye terminator clean-up simplified!

Excess dye terminator clean-up post sequencing reaction clean-up is an essential step prior to Sequencing. The carry-over of excess dye into sequencing results in dye blobs which leads to overwhelming noise and failed calls of sequenced bases and potentially leading to the failure the sequencing run.

AxyPrep Mag DyeClean has been optimized for the efficient removal of various excess dye terminator chemistries including BigDye versions 1.1 and 3.1, and DYEnamic ET commonly used in Sanger sequencing.

AxyPrep Mag DyeClean saves time and money with significant BigDye savings without incurring extra cost and processing time with the unneeded BigDye signal enhancer buffer, while maintaining high QV20+ scores.

Products from this kit give high signal to noise ratio resulting in long reads without the need for centrifugation or filtration. The protocol is quick, scaleable and automation friendly.

AxyPrep Mag™ FragmentSelect Kits – next Generation Sequencing sample preparation

Post DNA shearing, the library construction process for next generation sequencing, mostly requires fragment selection regardless of the platform. Obtaining high recovery post fragment selection is becoming an important contributor for the reduction of sequencing bias. The **AxyPrep Mag FragmentSelect kits** DNA size selection has been optimized for a range of next generation sequencing platforms.

The AxyPrep FragmentSelect-I kit is optimized for Illumina next generation sequencing platforms and Life Technologies (SOLiD) next generation sequencing systems, simplifying fragment size selection needs in the library construction workflows.

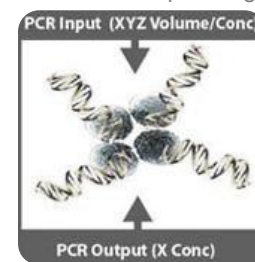
The AxyPrep FragmentSelect-R is designed for fragment size selection needs in the Roche/454's DNA Genome sequencer library construction workflow.

The AxyPrep Mag FragmentSelect kits are versatile and offer flexible sequential fragment size selection without the need for gels.

Efficient removal of primer-dimers is also achieved requiring no need for further clean-up steps. The protocols are scaleable and automation friendly.

AxyPrep Mag™ PCR Normalizer Kits – skip PCR quantification!

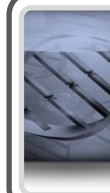
Core labs and sequencing service providers receive sequencing requests for PCR products from various end users with variable concentration and conditions creating a processing challenge is to normalize these presumably clean PCR products. This process is essential for streamlining the Sequencing workflow, and is time consuming. **AxyPrep MAG PCR Normalizer** allows for the skipping of the quantification step regardless of the PCR volume submitted for sequencing.



(Pic. above) Dual action: Post PCR product normalization and cleanup. Regardless of the post PCR product volume or concentration added to the AxyPrep Mag PCR Normalizer, the output would be a normalized PCR product to the desired concentration without primer-dimer, free of dNTPs, or salts carry over.

AxyPrep Mag PCR Normalizer beads have limited binding surface, so by limiting the amount of beads added in a given purification reaction, a pre-defined amount of DNA can be isolated based on the customer's need. PCR normalization is accomplished during this purification process so that additional DNA quantification and dilution are not necessary.

Time, labor and reagent cost are greatly saved with the AxyPrep Mag unique normalization purification chemistry efficiently streamlining genomics downstream applications. The whole process can be performed directly in the thermal cycling plate and requires no centrifugation or filtration.



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