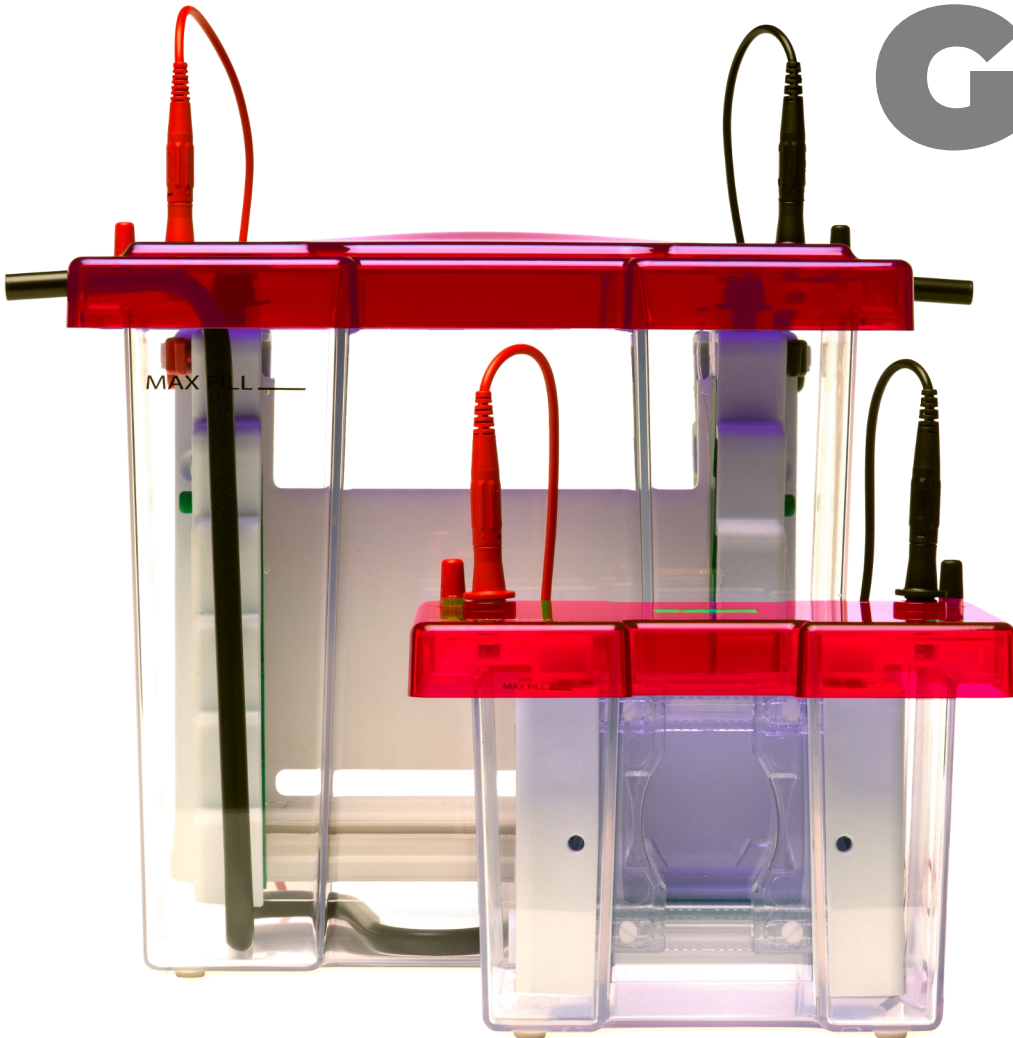


# SYNGENE PRODUCT GUIDE



## Vertical Electrophoresis

SYNGENE

A DIVISION OF THE SYNOPTICS GROUP

The SynPAGE range of Vertical Gel Units combines ease of use with high resolution separations.

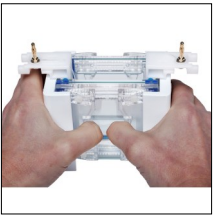
Two sizes, Mini 10 x 10cm, and Maxi 20 x 20cm, share a host of common features including a guaranteed leak proof seal required for trouble free, rapid and uncomplicated gel casting.

The built in gel running module eliminates time consuming transfer of glass plates during casting, a process which can cause gel damage and misalignment. Glass plates with permanently bonded spacers guarantee perfect spacer alignment. The glass plate sandwich is simply inserted between pressure bars and sealed using an easy to use Sliding Gates or WAVE Maxi Clamp system. This ensures fast set up times while even pressure bars and ultra soft seals ensure leak proof casting. Once the gel has polymerised, the gel running module is simply inserted into the gel tank for electrophoresis.

# SYNPAGE

- **Injection Moulded Construction - durable, leak-proof environment for complete safety and long life**
- **Compatible with all major brands of precast gels**
- **Rapid Gel Casting and Loading ensures trouble free gel set-up**
- **Electrodes made of 99.99% corrosion resistant, pure platinum**
- **Electrical Safety - lid can be attached in a single orientation. On removal, power is disconnected from buffer chamber**
- **Versatile - interchangeable modules for PAGE and 2-D electrophoresis as well as electroblotting using a single universal buffer tank**

# casting



Insert glass plates and slide clamps into position to seal plates against rubber gasket



Place the module on the casting base with the cam pins facing down. Turn the cam pins in opposite directions until secured



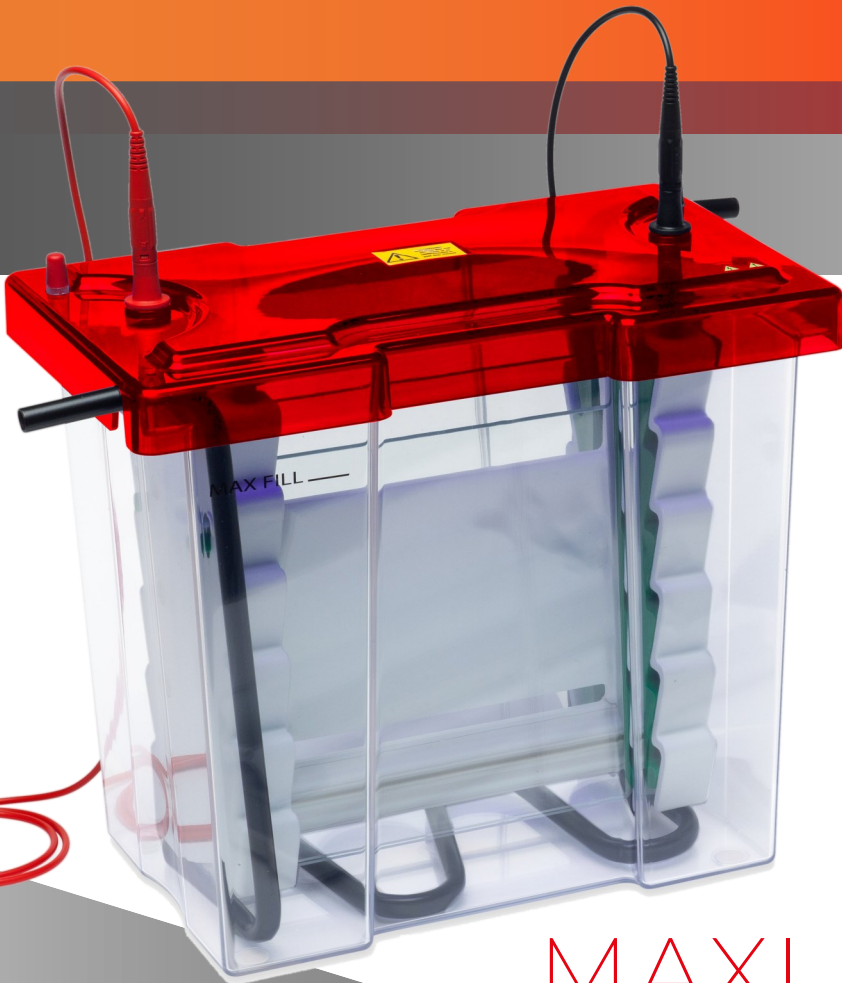
Pour gel solutions, insert combs and allow to polymerise



Transfer PAGE insert to tank, add buffer, load samples and run

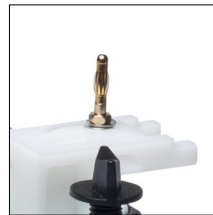


MINI

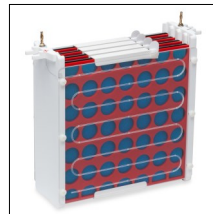


MAXI

# features



Gold plated terminals provide excellent connection to power supplies. 99.99% pure platinum electrodes exhibit minimum corrosion



Modular Blotting insert for western blot transfers

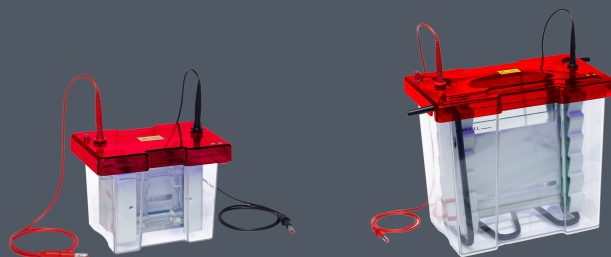
Uses the same buffer tank  
High intensity plate version available



Retractable connectors compatible with most major power supplies

Adapters available for complete compatibility

## Specifications



|                             | <b>SYNPAGE MINI</b>   | <b>SYNWAVE MAXI</b>   |
|-----------------------------|---|---|
| Description                 | <p>Run 1-4 handcast and up to 2 precast gels in mini format</p> <p>Sliding clamp assembly ensures fast set up and leak-free operation</p> <p>Insert for both gel casting and running eliminating time-consuming transfer of fragile gels</p> <p>Modular design for PAGE, Blotting and 2D workflow</p> | <p>Run 1-4 large format gels at maximum resolution</p> <p>Fewer screws compared to traditional formats leading to rapid set up times</p> <p>Optional blotting insert</p> <p>Seamless injection moulded construction</p> <p>Included detachable cooling coil</p> |
| Unit Dimensions (w x l x h) | 19 x 13 x 15 cm   | 30 x 18 x 27 cm   |
| Active Gel Size (w x l)     | 8 x 8.5 cm  | 16 x 17.5 cm  |
| Sample Capacity             | 80 Samples (20/gel)   | 192 Sample (48/gel)   |
| Tank Buffer Volume          | 250 - 1200 ml   | 1200 - 5300 ml  |
| Blotting Insert             | Optional  | Optional  |
| Capillary Insert            | Optional  | Optional  |

Over 75,000 scientists world-wide in pharmaceutical and biotech companies, as well as academic and government institutions, have chosen Syngene as their expert partner. If you'd like to find out why, please contact us or one of our distributors for more information and a demonstration of the SYNPAGE Range

**Please refer to [www.syngene.com](http://www.syngene.com) for all ordering information**

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