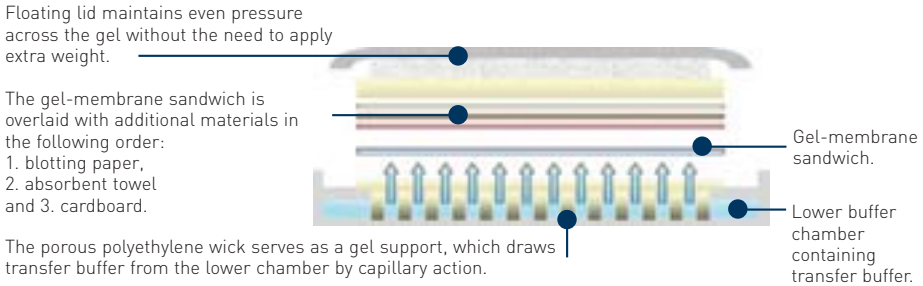
The CP-1526 Mini and CP-2826 Maxi Capillary Blotters

The CP-1526 mini and CP-2826 maxi capillary blotters are ideal for the simultaneous Northern and Southern transfer of multiple gels. A novel design feature of a permanent wick set within the lower tank is optimised to draw up more buffer than traditional systems, eliminating the need for messy overhanging paper wicks and maximising transfer efficiency to less than 3 hours for nucleic acids



Schematic Diagram of the Mini and Maxi Capillary Blotters
Once impregnated with buffer the porous polyethylene wick draws buffer through the gel by capillary action, evenly transferring nucleic acids onto the membrane regardless of their molecular weight. Any surrounding area of the wick not involved in transfer is masked with cellophane wrapping to prevent uneven transfer.

TECHNICAL SPECIFICATION

	CP-1526	CP-2826
Unit Dimensions (W x D x H)	39.5 x 18 x 11.5cm	41.5 x 29 x 10.5cm
Inner Tank Dimensions (W x D x H)	35.5 x 16 x 5cm	38.5 x 27 x 5cm
Maximum Gel Capacity	Three 10 x 10cm gels, aligned side by side	Seven 10 x 10cm gels, aligned side by side
Active Transfer Area	390cm^2	728cm^2
Recommended Buffer Volume	250ml	500ml
Transfer Time for DNA/RNA from a 6mm, 0.8 to 1.2% Agarose Gel	2h	2h

ORDERING INFORMATION

Complete System	Part No.
Capillary blotting unit (15 x 26cm; W x L)	CP-1526
Capillary blotting unit (28 x 26cm; W x L)	CP-2826

BENEFITS INCLUDE

- **Available in 2 different formats: -**
  - **CP-1526 –** 15 x 26cm wick - for simultaneous transfer of three 10 x 10cm gels
  - **CP-2826 –** 28 x 26cm wick - for simultaneous transfer of seven 10 x 10cm gels
- **Permanent wick –** serves as porous support for the gel, eliminating the problems associated with uneven transfer by allowing buffer to be drawn more efficiently from the lower tank, thus effecting nucleic acid transfer in <3 hours
- **Simple design –** guarantees fast and easy set up
- **Floating lid –** compresses the gel against the membrane for uniform transfer without the need to apply a weight, causing mechanical damage to the gel
- **Blotting paper, membranes and SERVA chemicals also available –** see pages 135-142

t: +44 (0)1926 814093 f: +44 (0)1926 813975 e: sales@scie-plas.co.uk i: www.scie-plas.com