

# SERVA BlueBlot SD

# SERVA

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## For fast and gentle electrotransfer of proteins

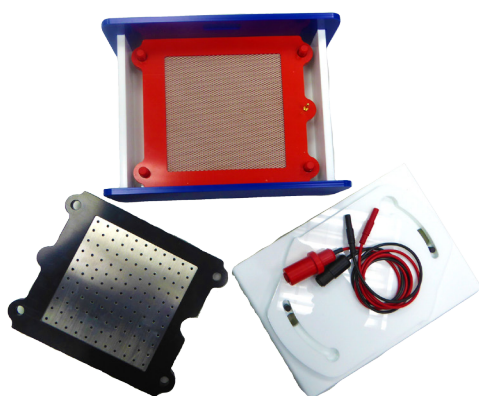
### The BlueBlot Semi-Dry Blotter Advantages

The BlueBlot semi-dry blotter forms a homogeneous electrical field that guarantees fast and efficient transfer of proteins from gel to membrane. As associated with semi-dry blotting compared to tank blotting less heat is generated for gentle protein transfer. It is fast and requires less buffer. By applying the Xpress blotting buffer (cat. no. 42662) semi-dry transfer of high and low molecular weight proteins is done fast and efficient within 15 minutes. Moreover, all common continuous and discontinuous buffer systems can be applied without any limitations.

### Three formats for different gel sizes

The BlueBlot semi-dry blotter is available with blotting areas in three sizes, 11 cm x 11 cm, 17 cm x 17 cm and 24 cm x 26 cm. The electrode sets BB-E11 (11 cm x 11 cm) and BB-E17 (17 cm x 17 cm) are obtainable separately and fit into the same base unit. With the BB-SD17 system up to 8 mini gels can be blotted simultaneously.

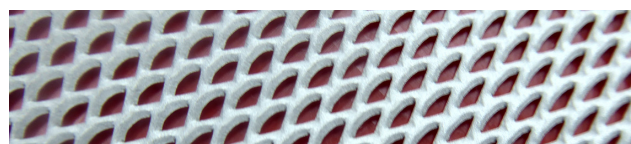
- Platinum-covered steel net as anode
- Spring-mounted anode for blotting stacks
- Stainless steel plate as cathode
- Blotting area from 11 cm x 11 cm for minigels up to 24 cm x 26 cm for 2D gels
- Deployable for thicker gels and blotting stacks



The BlueBlot Semi-Dry Blotter consists of a spring-mounted anode, a drill holes carrying cathode made from stainless steel. The housing is closed with the lid and secured by a newly developed rotating device mechanism. Due to the design of the cable pins wrong connection is excluded.

### The BlueBlot Semi-Dry Blotter Architecture

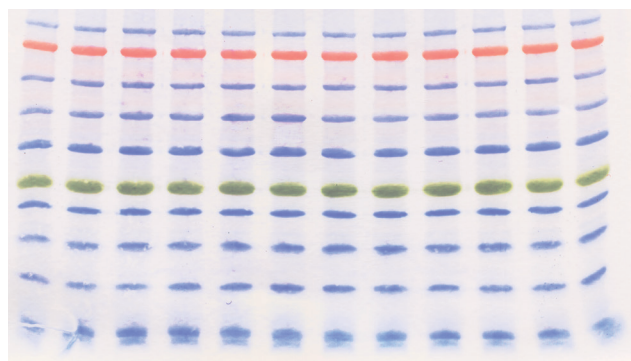
The anode is made from a steel net covered by platinum, the cathode is a stainless steel plate. The springmounted anode allows blotting of thicker gels and gel stacks. To avoid air bubbles within the blotting system the cathode carries drill holes to transport gas generated by the electro-chemically blotting process from inside to outside. The electrodes are built into a stable acrylic housing that is resistant to 10 % ethanol and easy to clean. The long-lasting electrodes can be dismantled and cleaned separately.



For best blot results the anode of the BlueBlot Semi-Dry Blotter is made from steel net covered by platinum.

### The BlueBlot Semi-Dry Blotter Blotting Protocol with Xpress Blotting Kit

Set up an air-bubble free blotting stack from anode to cathode: buffer-soaked blotting fleece, pre-treated connection paper, pre-treated membrane, pre-treated gel, buffer-soaked blotting fleece. For one mini gel apply 400 mA and run the blot for 15 minutes.



Best blot results for small and large proteins.

### Ordering Information

Product	Quantity	Cat. no.
BlueBlot Semi-Dry Blotter SD11	1 piece	BB-SD11
BlueBlot Semi-Dry Blotter SD17	1 piece	BB-SD17
BlueBlot Semi-Dry Blotter SD26	1 piece	BB-SD26
BlueBlot Electrode Set for BB-SD11	1 piece	BB-E11
BlueBlot Electrode Set for BB-SD17	1 piece	BB-E17