

SEMI-DRY BLOTTING

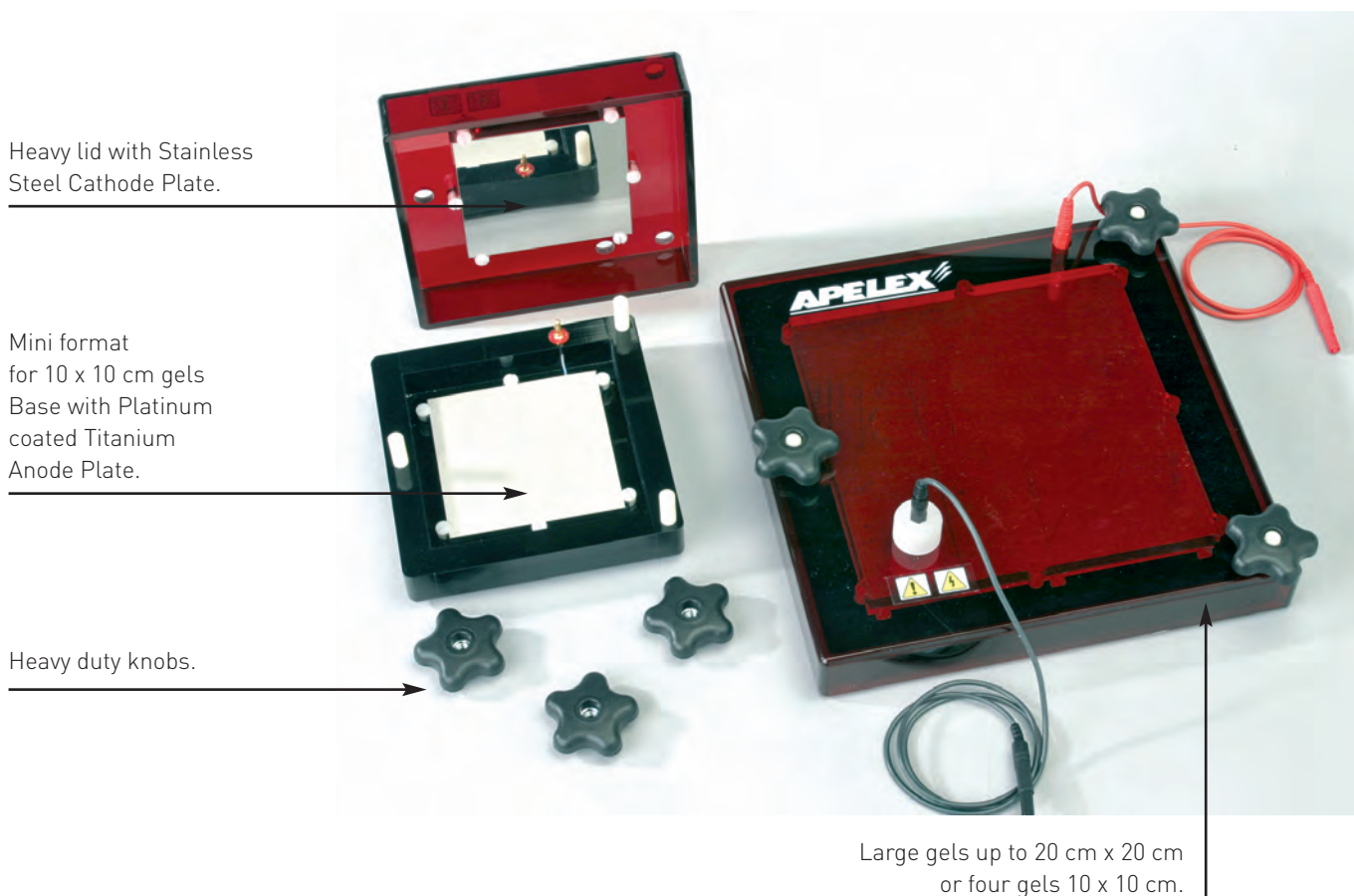
ORDERING INFORMATION	
450000	Mini Semi-Dry Blotter for gel up to 11 x 11 cm
460000	Large Semi-Dry Blotter for gel up to 20 x 20 cm

Mini and Large Semi-Dry Blotters 2 sizes: 11 x 11 cm & 20 x 20 cm

- Very high conductivity with corrosion free electrodes.
- Cathode in stainless steel, anode in platinum plated titanium for long life.
- Up to 3 mA/cm² of gel provides a very fast transfer.
- Strong side clamp system provides an uniform pressure between the gel and the transfer membrane.

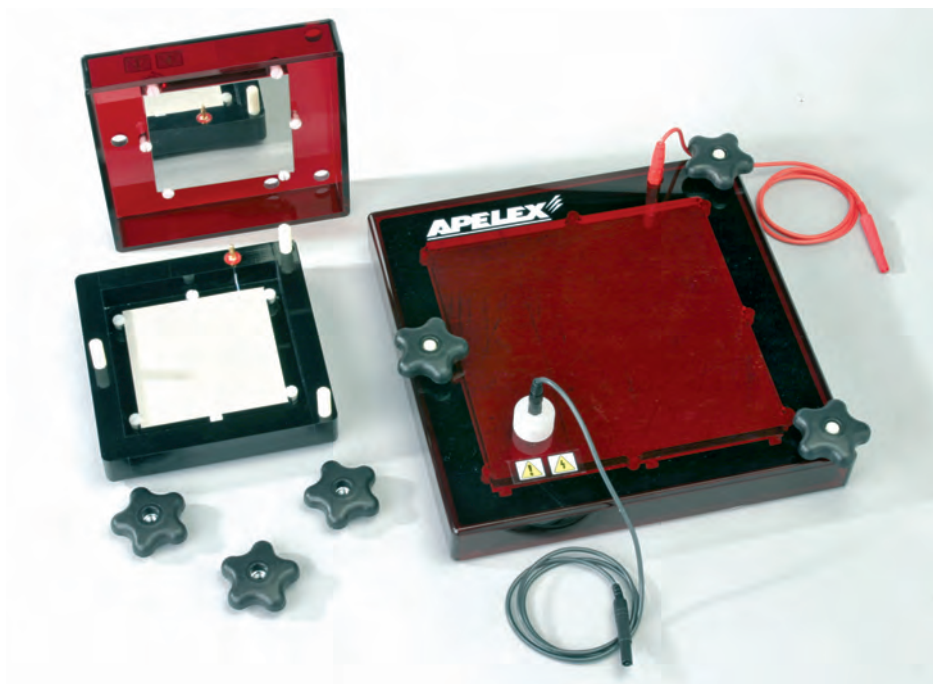
RUNNING CONDITIONS		
	Protein	DNA/RNA
Membrane	Nitrocellulose 0.45µm or 0,2µm PVDF 0.45µm or 0.2µm	Nylon
Transfer Buffer	Towbin Buffer, 3 Buffer System, Bjerrum Schafer-Nielsen	0.5X - 1XTBE, NAQ
Power Setting	Constant current 0.8-3mA/cm ² gel surface area 10-14 Volts maximum	Constant current 0.5-3mA/cm ² gel surface area 10-14 Volts max.
Running Time	30 minutes to 2 hours Needs to be experimentally determined (large molecules need longer transfer time)	30 minutes to 2 hours generally in the lower

Ideal for proteins less than 150 kd - Fast WESTERN BLOT
Mini Gels in 15 minutes! - Designed for extensive use



TANKS FOR *BLOTTING*

WHAT TANK FOR BLOTTING?



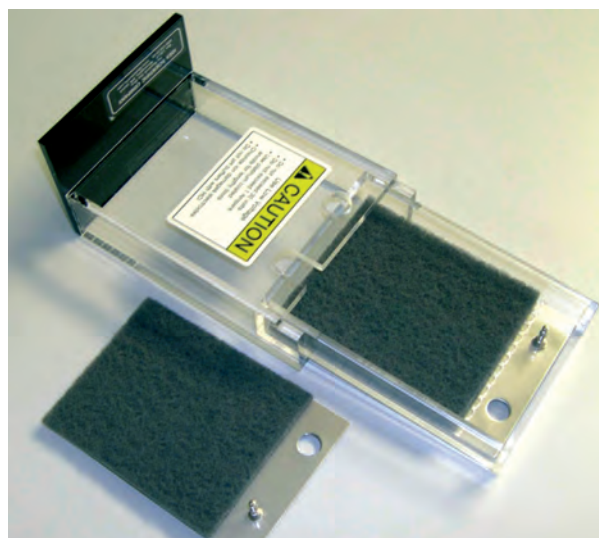
Solution 1: Semi-Dry **BLOTTING**

- Recommended for **BLOTTING OF PROTEINS AND NUCLEIC ACIDS**.
- Ideal for transferring all Protein, overall less than 150 kd.
- No significant volume of buffer to prepare.



Solution 2: **LIQUID BLOTTING** GEL TRANSBLOTTERS - MINI AND LARGE

- Separate cassettes give flexible gel capacity.
- Designed for **NORTHERN, SOUTHERN AND WESTERN BLOTTING**.



Solution 3: **LIQUID BLOTTING** SLIM BLOTTERS

- Low buffer volume.
- Very fast transfer.
- Low voltage.
- 5 tank sizes for Western Blotting.
- 5 tank sizes equipped by platinized Titanium anode for **NORTHERN, SOUTHERN AND WESTERN BLOTTING**.