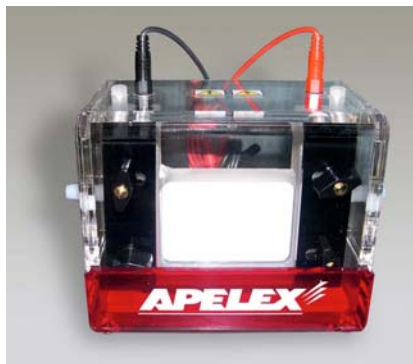


# PROTEIN ELECTROPHORESIS SYSTEM **VERTIGEL**

**APELEX** Vertical cooled and double-gel electrophoresis system



**VERTIGEL** double-gel electrophoresis system combines proven quality features with constructive improvements and a very high quality design. Efficient cooling and the special arrangement of the three corrosion-protected electrodes made of platinum ensure excellent separation results and very short running times. Four different sizes and an extensive range of accessories provide the best conditions for versatile use.

## RUNNING MODULES WITH BUILT-IN COOLING SYSTEM

	# 400000	# 410000	# 480000	#420000
	<b>miniVERTIGEL2</b>	<b>miniWideVERTIGEL2</b>	<b>midivERTIGEL2</b>	<b>H-VERTIGEL2</b>
<b>Gel dimensions</b>	<b>10 x 10cm</b>	<b>20 x 10cm (w x L)</b>	<b>16 x 14cm (w x L)</b>	<b>20 x 20cm</b>
<b>Buffer volume</b>	250ml	650ml	650ml	1250ml
<b>Number of samples</b>	48	72	48	50
<b>Suggested power supplies</b>	<b>PS304 - PS305 - PS503</b>	<b>PS305 - PS503 - PS608</b>	<b>PS305 - PS503 - PS608</b>	<b>PS608 - PS1006 - PS1006P</b>

Standard components	# 400000	# 410000	# 480000	#420000
	Running module	Running module	Running module	Running module
	Lower buffer tank	Lower buffer tank	Lower buffer tank	Lower buffer tank
	Safety lid, power cords	Safety lid, power cords	Safety lid, power cords	Safety lid, power cords
	2 notched glass plates	4 notched glass plates	2 notched glass plates	2 notched glass plates
	2 alumina plates	4 plain glass plates	2 plain glass plates	2 plain glass plates
	4 plain glass plates	1 blind plate	1 blind plate	1 blind plate
	1 blind plate	2 comb 15 wells 0,8mm	2 comb 15 wells 1,5mm	2 comb, 15 wells 1,5mm
	2 comb 10 wells 0,8mm	2 comb 20 wells 0,8mm	2 comb 20 wells 1,5mm	2 comb 20 wells 1,5
	4 side spacers 0,8mm	8 side spacers 0,8mm	8 side spacers 0,8mm	4 side spacers 0,8mm
	2 replacement gasket	2 replacement gasket	2 replacement gasket	2 replacement gasket

### SAFETY COVER

- Stable chamber cover for safe working with no risk of electrical shock.
- Attached power lead with safety contacts and a length of 1m for maximum working safety and flexibility
- Side handle for easy removal of cover

### COOLING SYSTEM

- Running module with a cooling core sealed with alumina plate and an in and out hose fixtures for water circulation, color coded electrodes, gold plated banana plugs
- Walls of the cooling chamber made of white highly efficient and uniform thermal conducting ceramic plates

### BUFFER CHAMBER

- Upper buffer chamber enlarged for better heat distribution and flat sharps bands
- Special configuration and three electrodes to provide a very uniform electrical field and for better separation throughout the gel surfaces
- Very small gap between electrodes and gel to allow very short running times
- High quality contacts plated with gold and corrosion protected platinum electrodes
- Spring loaded side clips and screw knobs with secure handles for easy and safe introduction of gels

### RUNNING MODULE

- The Running module serves as casting stand together with a special casting base provided with each tank.
- This system allows one or two gels to be cast and run directly in the same chamber



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