

RESEARCHER RANGE VERTICAL GEL APPARATUS SELECTION GUIDE

Model	Single /dual sided	No. of gels at a time	Gel size			No. of wells/ comb	Vol/ well (µL)	Buffer requirement (mL)	Run time [⊠]	Recommended Power supply*				
			width (cm)	length (cm)	thickness (mm)									
MICROKIN	Single	1, 2	8.5	7.5	1, 1.5	10	50, 75	150	45 m	Electragel 100 300V,100mA				
						13	30, 50							
MONOKIN	Single	1, 2	8.5	12	1, 1.5	10	75, 112	350	1 h 10 m		Electrapage 200 500V,200mA/ Electraprime 300V,400mA Electraedge 500V, 500mA			
						13	50, 66							
MITOKIN	Single	1, 2	10	12	1, 1.5	12	75, 112	450	1 h 45 m			Electrapage 200 500V,200mA/ Electraprime 300V,400mA Electraedge 500V, 500mA		
						16	45, 66							
MIDIKIN	Single	1, 2	16.5	16	1, 1.5	20	75, 112	550	2 h 20 m				Electrapage 200 500V,200mA/ Electraprime 300V,400mA Electraedge 500V, 500mA	
						26	50, 66							
MACROKIN-S	Single	1, 2	18.5	18	1, 1.5	23	75, 112	750	1 h 50 m					Electrapage 200 500V,200mA/ Electraprime 300V,400mA Electraedge 500V, 500mA
						30	50, 66							
MACROKIN	Single	1, 2	18.5	24	1, 1.5	23	75, 112	900	2 h 30 m	Electrapage 200 500V,200mA/ Electraprime 300V,400mA Electraedge 500V, 500mA				
						30	50, 66							
MEGAKIN	Single	1	30	30	1, 1.5	35	75, 112	1500	6 h		Electrapage 200 500V,200mA/ Electraprime 300V,400mA Electraedge 500V, 500mA			
						47	50, 66							
MINIKIN	Dual	1, 2, 3, 4	10	12	1, 1.5, 3	12	75,112	1000	1 h 10 m			Electrapage 200 500V,200mA/ Electraprime 300V,400mA Electraedge 500V, 500mA		
						16	45, 66							
						user defined [^]								
			Length and breadth can be varied											

⊠ Run time is an approximate time taken for migration of Bromophenol blue on a 10% SDS PAGE run at constant current of 1.67 mA/cm width of gel/ mm thickness of gel

* Power supply is not included in the ready-to-use system

The thickness of the gel and the corresponding volume/ well is kept of the same font colour for easy perusal

h – hours, m – minutes

[^] Preparative comb – Well size can be defined by the user at the time of ordering