



ACQ Series Large Format Vertical

DNA Sequencing Units

Details Info

Run up to 48 samples  
Enhanced gel heat homogenization  
Variable low or high buffer volumes  
20 x 50cm format

Features:

Ideal for a variety of large format vertical gel applications, these units offer advanced features for enhancing gel resolution and ease of use, essential when handling gels of this size. Each unit contains ultra soft silicone seals for easy plate sealing and trouble free runs, even over extended run times.

Resolution is enhanced by using an aluminum heat sink plate, essential for even sample migration. Added convenience is provided by a removable lower buffer tank and upper buffer drainage tap.

Special buffer chambers allow either low buffer volumes to be used for economy or high buffer volumes to be used for extended runs.

A wide range of interchangeable comb and spacer options allows a large number of techniques to be easily accomplished including;

DNA Sequencing, 2-D analysis, Micro-satellite analysis, DNA fingerprinting, Gel shift assays,

Single-Strand Conformation Polymorphism (SSCP), Hetero duplex and Oligonucleotide analysis.

Technical Specifications

Plate dimensions (w x l)	ACQ20B 20 x 50cm
	ACQ33B 33 x 45cm

Max sample capacity	ACQ20B 48 samples
	ACQ33B 96 samples
Buffer Volume	ACQ20B Min 500ml, Max 1000ml
	ACQ33B Min 800ml, Max 2000ml

Combs Available

No. of Teeth	24, 48, 80, 96
Thicknesses	0.25, 0.35, 1, 1.5mm

Ordering Information	
ACQ20B	Large Format Vertical, 20cm wide, glass plates, 0.35mm spacers, 48 sample comb
ACQ20-NG	Glass plates, pk/2 Notched
ACQ20-PG	Glass plates, pk/2 Plain
ACQ20-S0.25	Spacer set 0.25mm
ACQ20-S0.35	Spacer set 0.35mm
ACQ20-S1	Spacer set 1mm
ACQ20-S1.5	Spacer set 1.5mm
ACQ33B	Large Format Vertical, 33cm wide, glass plates, 0.35mm spacers, 48 sample comb
ACQ33-NG	Glass plates, pk/2 Notched
ACQ33-PG	Glass plates, pk/2 Plain
ACQ33-S0.25	Spacer set 0.25mm
ACQ33-S0.35	Spacer set 0.35mm
ACQ33-S1 S	Spacer set 1mm
ACQ33-S1.5	Spacer set 1.5mm
AC-FHS*	Fan heater sensor kit for large format vertical units CSQ20 and CSQ33
AC-FHS\$	Fan heater sensor kit for large format vertical units CSQ20 and CSQ33 - 110V
AC-MGR	Mini Glass Plate Rack for 20x 2mm Plates

AC-LGR	Large Glass Plate Rack for 10x 5mm Plates
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Code	Description	Sample Volume per well
ACQ20-0.25-24	Comb 24 sample, 0.25mm thick, Sharks tooth	7µl
ACQ20-0.25-48	Comb 48 sample, 0.25mm thick, Sharks tooth	3µl
ACQ20-0.35-24	Comb 24 sample, 0.35mm thick, Sharks tooth	9µl
ACQ20-0.35-48	Comb 48 sample, 0.35mm thick, Sharks tooth	5µl
ACQ20-1-24	Comb 24 sample, 1mm thick, Square tooth	40µl
ACQ20-1-48	Comb 48 sample, 1mm thick, Square tooth	20µl
ACQ20-1.5-24	Comb 24 sample, 1.5mm thick, Square tooth	60µl
ACQ20-1.5-48	Comb 48 sample, 1.5mm thick, Square tooth	30µl
ACQ33-0.25-48	Comb 48 sample, 0.25mm thick, Sharks tooth	7µl
ACQ33-0.25-96	Comb 96 sample, 0.25mm thick, Sharks tooth	3µl
ACQ33-0.35-48	Comb 48 sample, 0.35mm thick, Sharks tooth	9µl
ACQ33-0.35-96	Comb 96 sample, 0.35mm thick, Sharks tooth	5µl
ACQ33-1-48	Comb 48 sample, 1mm thick, Square tooth	35µl
ACQ33-1-80	Comb 80 sample, 1mm thick, Square tooth	20µl
ACQ33-1.5-48	Comb 48 sample, 1.5mm thick, Square tooth	50 µl
ACQ33-1.5-80	Comb 80 sample, 1.5mm thick, Square tooth	30 µl



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