



PFE600

| Pulsed Field

Details Info

Features:

The Pulsed Field Electrophoresis system is used for DNA and RNA base composition separation with DNA in an Agarose gel. The whole run process uses a programmed alternating electric field. This results in a clear electrophoresis band.

The PFE600 Pulsed Field Electrophoresis consists of a pulsed field power, an electrophoresis cell with a constant temperature control sensor and a gel caster

Specification:

The isolated fragment	100bp-6Mb
Voltage gradient	Maximum of 9.5V/cm, increment 0.1v/cm.
Maximum current	0.5A
Maximum power	300W.
Pulse angle	±120°, ±180°, Having the field reversal function
Pulse width.	1~9999s or programmed pulse or 1~20s pulse line increase.

Module timer	1min~99hours 59min
Display	LCD
Temperature ranges	10°C~30°C, Accuracy to less than $\pm 0.5^{\circ}\text{C}$
Cyclic module	inner buffer cyclic system.
Control function	Auto-connection and programmed function
Gel size: 120×120mm	120×120mm
Comb	1mm and 2mm thickness 15 wells or 18 wells
Automatic switch-off function	
Automatic memory	
Safe operation	
Over load, no load protection functions.	



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