

# SCIENTZ-2C Perforator Electric

Patent: 200630105829.4

Electricity transformation can be used to putting the DNA into the state of bacteria, animal and plant cells. Relative chemical method, electric reforming process can obtain higher efficiency. This method is better than other methods to get repetitive more, easy to operate and save time, import of high efficiency and has become an indispensable basic molecular biology technology.

The instrument integration of the whole machine design, simple operation, direct display, microprocessor control pulse discharge adopts the man-machine dialogue interface, the operation is simple, intuitive, and refinement of the capacitor and resistor set range, the cell electroporation experiment under the condition of associated with a wider range of choice.



## FEATURES

- Integration of the whole machine, simple operation, direct display
- The microprocessor control of pulse discharge
- The log storage
- Unlimited custom program storage
- Simple operation, short conversion time
- High conversion efficiency
- repeat ability

## APPLICATION AREA

- Electricity conversion of bacteria, yeast and other microorganisms
- Mammalian cell transfection
- Plant tissue and the protoplast of transfection
- Cell hybridization, fusion, gene delivery
- Import the marker gene, tags, instructions
- Import the function of the specific gene were studied
- Import drugs and other molecules such as Protel

## TECHNICAL PARAMETERS

Model	Scientz-2C	Resistance	50, 100, 150, 1600, -∞total 30 grades
Pulse form	Exponential decay	Operating system	Microcomputer control
High Output voltage	400-2500V	Output waveform	With RC time constant of the exponential decay of wave
Low output voltage	50-450V	Dimension	36.8*31.6*22.9(cm)
High voltage capacitor	1, 5, 6, 25, 30, 31UF	Weight	10.5Kg
Low voltage capacitor	100UF,125UF,150UF...1675UF,one grades of 25UF	Packing size	480*420*280mm

# CRY-3B SYNCRETIZE ELECTRIC

CRY-3B Syncretize Electric suitable for cell hybridization and cell fusion and direct observations can be made under inverted microscopes. It has a widespread application in the research on microorganism, animal medicine and bio-engineering. It provides safety, ease of use, and efficiency as compared with the conventional method. All types of even electrode and needle electrode are

## FEATURES

- Features: both cell electrofusion and electroporation capabilities
- Flexibility: have a wide range of voltage and pulse time
- Fast and efficient, simple and quickly complete post-processing
- process cell arrangement, fusion, fusion, only a few seconds
- LCD touch display operation
- Data setting easy and quickly

