

Capillary zone electrophoresis power supply

CZE Series

1133-01A



FEATURES

- Output polarity reversible type
- Equipped with CV/CC functions as a standard
- High stability
- Ultra compact, handy type
- Accurate Digital meter

SUMMARY

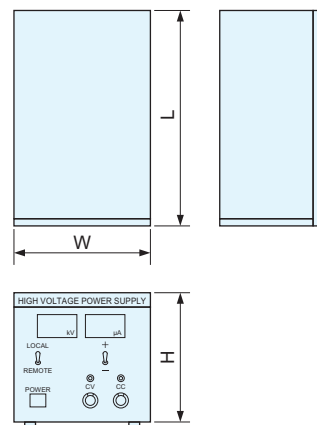
CV/CC, bipolar output, output monitor etc. that are necessary for capillary zone electrophoresis are standard equipment and all kinds of analysis can be conducted with this supply alone.

SPECIFICATIONS

Input voltage	115VAC±10% 50/60Hz single phase
Output voltage	0 to ±30kVDC
Output current	0 to 250μA
Output control	Local: Constant voltage mode, by 10-turn potentiometer Constant current mode, by 10-turn potentiometer Remote: Constant voltage mode, by external voltage of 0 to 10Vdc* Constant current mode, by external voltage of 0 to 10Vdc* (*Input impedance of 10kΩ, rear panel 36-pin connector)
Voltage regulation	Line : ±0.05% (for ±10% of input change) Load: 0.05% (for 10 to 100% of load change)
Current regulation	Line : ±0.05% (For ±10% of input change) Load: 0.05% (for 10 to 100% of load change)
Ripple	0.1%p-p
Stability	0.01%/10min, 0.03%/hr
Reverse polarity control	By front panel polarity change switch. HV output cable is required to be changed.
Protections	Over voltage protection Protection against output short circuit and arc discharge
Output display	Output voltage: ±30.0kV digital display Output current: 250μA digital display
Monitor output	Output voltage monitor: 0 to ±10Vdc/0 to ±30kV Output current monitor: 0 to +10Vdc/0 to 250μA (For both, output impedance is 1kΩ, accuracy is ±1% of F.S. rear panel 36-pin connector)
Remote control connector	Amphenol 36-pin connector (rear panel)
Temperature	0 to 45°C (Operation) -20°C to +75°C (Storage)
Accessories	2.5m output high-voltage shield cable (terminal open) (1) AC cable (1) Instruction manual (1)

DIMENSIONS inch(mm)

5.51H(140) × 13.00L(330) × 5.51W(140)



OPTIONS

- LDS** Door switch · Remote switch ON/OFF
LW Slow start (approx. 10s)

Add L mark to the model number when ordering.
{e.g} CZE-30P0.25-LDSW