

EV3000 Series

Electrophoresis power supplies

- On screen help in 4 languages
- Real Time Clock
- Various running modes:
 - Simple Mode
 - 9x9 Method Programming Mode
 - Voltage Ramp Mode
 - Timer Mode
- Constant voltage/Constant current/Constant power
- Automatic cross-over
- Automatic recovery after power failure
- Password protection
- Data-logging
- Remote control via open communication protocol
- Safety features:
 - Ground leakage detection
 - Overload protection
 - Smooth voltage rise
 - No load detection
 - Isolated USB communication
 - IEF Mode (EV2330 and EV3620)
- Free software and firmware updates



EV3000 series contains 5 versions. The 3000V and 6000V version have a special low current mode for IEF applications. The IEF mode is for low current applications. The power supply can measure currents as low as 10 microAmps. All Consort power supplies can keep voltage constant at 0 current.

EV3020 (300V, 2000mA):

an excellent choice for blotting, multiple horizontal and vertical gels.

EV3610 (600V, 1000mA):

all round power supply suitable for most tanks and applications

EV3150 (1200V, 500mA):

suitable for higher voltage applications with a need for higher currents

EV3330 (3000V, 300mA):

high voltage with special low current mode (IEF-mode)

EV3620 (6000V, 150mA):

ultra high voltage with special low current mode (IEF-mode)

EV3000 series has a firmware upgrade capability and continuous logging with a real time clock. Consort Power Supplies are the most robust, long lasting and durable electrophoresis power supplies in the market.

Specifications depending on model

Power	300 W
Voltage	0-300 V to 0-6000V
Current	0-150 mA to 0-2000mA
Outputs	4
Operating Modes	4
	Simple Mode
	9x9 Method Programming Mode
	Voltage Ramp mode
	Timer Mode (time or V/h)
	IEF Mode

USB interface
 Datalogging
 Real Time Clock
 Multiple safety features

Warranty
 Made in Belgium

36 months



IIEF1100-SYS

Code	Description
EV3020	Power supply, 300 V, 2000 mA, 300 W
EV3610	Power supply, 600 V, 1000 mA, 300 W
EV3150	Power supply, 1200 V, 500 mA, 300 W
EV3330	Power supply, 3000 V, 300 mA, 300 W
EV3620	Power supply, 6000 V, 150 mA, 300 W
ESEQ1200-SYS	Sequencing unit 20x50 cm
IIEF1100-SYS	Isoelectric focusing system, 26x26 cm

→ Supplied with a european mains cord + USB cable



Artistic in science

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