

HarmonyCS3000 (300-1200V) Consort Power Supply

HIGHLIGHTS

- Various running modes; simple mode, 9x9 method programming mode, voltage ramp mode, timer mode
- 4 available languages
- Firmware updates via USB interface and feature requests are available
- Battery back up system for real time clock date and time to keep run logs
- Automatic cross-over
- Automatic recovery after power failure
- Automatically store up to 100 hours of runs in data-logging
- Free data acquisition software for PC available for data transfer to analyse stored run details
- Can be remotely controlled by a computer using special commands
- Password protection
- Safety features include ground leakage detection, overload protection, no-load detection, smooth voltage rise and isolated communication



High-power range ideal for blotting, horizontal and vertical electrophoresis

HarmonyCS3000 Consort Power Supply Series comprises 3 models that are suitable for most horizontal, vertical electrophoresis, electroelution and blotting. Multiple gels can be run with this series. Applications requiring higher currents can be run with HarmonyCS3150. The series is manufactured with solid and durable material making it long-lasting.

TECHNICAL DATA

Specifications	HarmonyCS3020	HarmonyCS3610	HarmonyCS3150
Voltage	0-300V	0-600V	0-1200V
Current	0-2000mA	0-1000mA	0-500mA
Power	0-300W	0-300W	0-300W
Parameter range	1-100%	1-100%	1-100%
Timer	0-99h 59min	0-99h 59min	0-99h 59min
Volt-Hours	0-99.99kVh	0-99.99kVh	0-99.99kVh
Display	LCD, 2x16 characters	LCD, 2x16 characters	LCD, 2x16 characters
Setup resolution	1V, 1mA, 1W	1V, 1mA, 1W	1V, 1mA, 1W
Measurement resolution	1V, 0.1mA, 0.1W	1V, 0.1mA, 0.1W	1V, 0.1mA, 0.1W
Programs	9x9 set of parameters	9x9 set of parameters	9x9 set of parameters
Outputs	4 (4 mm sockets)	4 (4 mm sockets)	4 (4 mm sockets)
Min. load resistance	5Ω	15 Ω	70 Ω
No-load detection	Yes	Yes	Yes
Ground leakage detection	Yes	Yes	Yes
Overload detection	Yes	Yes	Yes
Computer control	Yes	Yes	Yes
Password protection	Yes	Yes	Yes
Data-logging	3600 values	3600 values	3600 values
Interval	1-60 sec	1-60 sec	1-60 sec
Real time clock	Yes	Yes	Yes
USB interface	Yes	Yes	Yes
Ambient temperature	0-40°C	0-40°C	0-40°C
Relative humidity	0-95%, non-condensing AC 210-250V, 50/60Hz, 360W AC 100-125V,	0-95%, non-condensing AC 210-250V, 50/60Hz, 360W AC 100-125V,	0-95%, non-condensing AC 210-250V, 50/60Hz, 360W AC 100-125V,
Power requirements	50/60Hz, 360W	50/60Hz, 360W	50/60Hz, 360W
Dimensions (WxDxH)	31 x 26 x 13 cm	31 x 26 x 13 cm	31 x 26 x 13 cm
Weight	10 kg	10 kg	10 kg

ORDERING INFORMATION

Cat. No	HarmonyCS3000 Consort Power Supply Series
EB-CPS-H3020-110V	HarmonyCS3020 Consort Power Supply
EB-CPS-H3020-230V	HarmonyCS3020 Consort Power Supply
EB-CPS-H3610-110V	HarmonyCS3610 Consort Power Supply
EB-CPS-H3610-230V	HarmonyCS3610 Consort Power Supply
EB-CPS-H3150-110V	HarmonyCS3150 Consort Power Supply
EB-CPS-H3150-230V	HarmonyCS3150 Consort Power Supply