

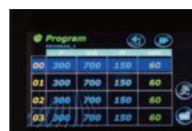
TOUCHSCREEN POWER SUPPLIES

The powerPRO-M2 series offers a versatile range of electrophoresis power supplies designed to support routine through to high-current laboratory applications.

Covering outputs from 300 V / 700 mA for everyday gel electrophoresis, through to 500 V / 800 mA for demanding vertical and DGGE techniques, and up to 3000 mA for high-current blotting applications, the range provides reliable, flexible performance across all workflows. Each model features intuitive control, programmable operation, multiple output pairs for running several tanks simultaneously and comprehensive safety protection, ensuring reproducible results and confident operation across horizontal, vertical and blotting systems.

AT A GLANCE

- Three output options to suit routine, advanced and high-current applications
- Constant voltage, current or power operation with programmable protocols
- Touchscreen (300-M2 & 3AMP-M2) or TFT display for clear run monitoring
- Five output pairs for parallel electrophoresis runs
- Compatible with Thistle Scientific horizontal, vertical and blotting systems



Technical Specifications

	POWERPRO300-M2	POWERPRO500-M2	POWERPRO3AMP-M2
Unit Dimensions (cm)	21.5 x 33.5 x 10.4	21.5 x 33.5 x 10.4	21.5 x 33.5 x 10.4
Weight (Kg)	2.1	2.1	2.1
Construction	PC housing, ABS faceplate	PC housing, ABS faceplate	PC housing, ABS faceplate
Timer	1. Constant: 9999 (min) with alarm / continuous 2. Program: 999 (min) with alarm / continuous	1. Constant: 9999 (min) with alarm / continuous 2. Program: 999 (min) with alarm / continuous	1. Constant: 9999 (min) with alarm / continuous 2. Program: 999 (min) with alarm / continuous
Resolution	1V, 1mA	1V, 1mA	1V, 1mA
Input Voltage	100-240V; 47-60Hz, 200W	100-240V; 47-60Hz, 200W	100-240V; 47-60Hz, 200W
Operating Temperature	4°C~ 40°C	4°C~ 40°C	4°C~ 40°C
Operating environment	≤95% RH	≤95% RH	≤95% RH
Display	4.3" Colour Touch Screen	4.3" Colour Touch Screen	4.3" Colour Touch Screen
Controller	Microprocessor	Microprocessor	Microprocessor
Safety Features	Shrouded plugs and sockets	Shrouded plugs and sockets	Shrouded plugs and sockets
Compliance Marks	CE, ETL	CE	CE
Maximum Voltage (V)	300	500	300
Maximum Current (mA)	700	800	3000
Maximum Power (W)	150	300	300
Number of Output Pairs	5	5	5
Operating Modes	Constant Parameter, Programmable 30 Step Programme. Pre-programmed settings	Constant Parameter, Programmable 30 Step Programme. Pre-programmed settings	Constant Parameter, Programmable 30 Step Programme. Pre-programmed settings
Program Storage	100 programmed files	100 programmed files	100 programmed files
Program Multi-Step	Up to 30 steps	Up to 30 steps	Up to 30 steps
Type of Output	1. Voltage or Current with automatic crossover 2. When target constant mode is set, system automatically adjusts the two other parameters to maximum to allow constant run (later could be changed by user)	1. Voltage or Current with automatic crossover 2. When target constant mode is set, system automatically adjusts the two other parameters to maximum to allow constant run (later could be changed by user)	1. Voltage or Current with automatic crossover 2. When target constant mode is set, system automatically adjusts the two other parameters to maximum to allow constant run (later could be changed by user)
USB port	For exported last run report	For exported last run report	For exported last run report
For exported last run report	Yes, last running data	Yes, last running data	Yes, last running data
Output Diameter (mm)	4	4	4
No Load Detection	Yes	Yes	Yes
Overload Detection	Yes	Yes	Yes
Ground Leakage Detection	Yes	Yes	Yes
Over Temperature Protection	Yes	Yes	Yes

Ordering Information

POWERPRO300-M2	TOUCH SCREEN POWER Pro 300V 700mA 150W – 110/230V
POWERPRO500-M2	TOUCH SCREEN POWER Pro 500V 800mA 300W – 110/230V
POWERPRO3AMP-M2	TOUCH SCREEN POWER Pro 300V 3000mA 300W – 110/230V