Laboratory Power Supplies - manual & bus programmable
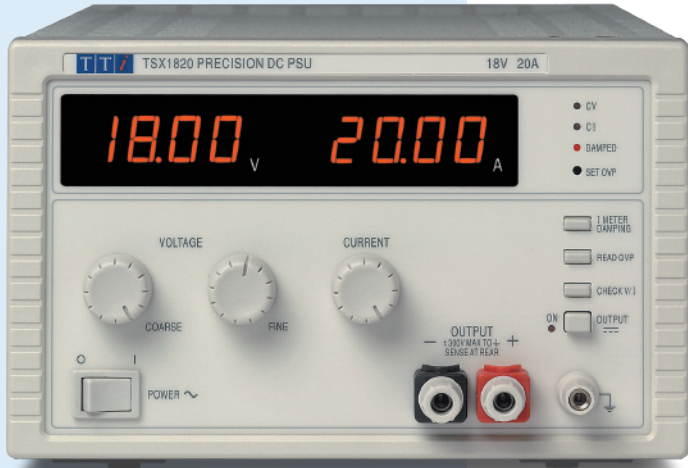
TSX & TSX-P series

- ▶ Mixed-mode regulation
- ▶ Very high performance
- ▶ Single output, 350W/360W
- ▶ Front and rear terminals

The TSX series is housed in a 3U half-rack size case suitable for bench use or rack mounting.

It uses silent convection cooling for the quietest possible working environment.

Model	Outputs	Voltage / Current	Power	Interfaces
TSX1810	One	0 to 18V / 0 to 20A	360W	-
TSX3510	One	0 to 35V / 0 to 10A	350W	-
TSX1810P	One	0 to 18V / 0 to 20A	360W	RS232/GPIB
TSX3510P	One	0 to 35V / 0 to 10A	350W	RS232/GPIB

Brief specifications:
Line and load regulation: <0.01%. Output noise: < 1mV rms.
Meter accuracies: voltage - 0.2% ± 1digit, current - 0.5% ± 1digit.
Size: 210 x 130 x 350mm (WxHxD). Weight: 5.0kg

- ▶ Choice of 35V/10A and 18V/20A models
- ▶ Very low noise, excellent transient response
- ▶ Constant voltage or constant current operation
- ▶ Comprehensive protection including OVP trip
- ▶ High setting resolution, remote sense terminals
- ▶ Bench or rack mounting, front and rear terminals
- ▶ Compact half-rack 3U case size
- ▶ Digital control with keyboard/spin-wheel (TSX-P)
- ▶ Rotary and delta control of voltage/current (TSX-P)
- ▶ Third display for parameter indication (TSX-P)
- ▶ Storage of up to twenty five settings (TSX-P)
- ▶ GPIB (IEEE-488) and RS232 interfaces (TSX-P)

The TSX series offers exceptionally good noise and transient performance.

The switch-mode pre-regulation uses ultra low capacitance components to minimise common mode noise, while the linear final regulator minimises differential output noise.

Higher current up to 20A

Local operation convenience features of the TSX-P series include a auxiliary display for displaying other data such as increment values, OVP level, or watts.

The display is also used to preview entry from the keyboard in order to prevent errors.

Twenty five non-volatile memories are provided for storing frequently used settings. Each store holds a voltage, current and OVP setting.

RS-232 / RS-423   GPIB / IEEE-488

Other Aim-TTi Power Supply Series

EL-R series
Compact linear regulated power supply series with analog controls. Single, dual and triple outputs. 30 to 130 watts   RS-232/USB controlled models (EL302P).

PLH & PLH-P series
Higher voltage versions of the New PL and PL-P series offering output voltages up to 250V. Single output, 90 watts. Models with RS-232, USB, and LAN (PLH-P). Optional GPIB.

PL & PL-P series
Advanced linear regulated power supply series with analog controls combined with digital functions. Ultra compact. Single, dual and triple outputs. 48 to 228 watts. Models with RS-232, USB, and LAN (PL-P). Optional GPIB.

QL & QL-P series
High precision digitally controlled linear regulated power supply series with advanced features. Single and triple outputs. 105 to 242 watts. RS-232, USB, & GPIB controlled models (QL-P).

EX-R series
Compact mixed-mode regulated power supply series with analog controls. Single, dual and triple outputs. 175 to 420 watts. RS-232/USB controlled models (EX355P).

TSX & TSX-P
High performance mixed-mode regulated single output power supply series with analog or digital controls. 360 watts. RS-232 and GPIB controlled models (TSX-P).

MX100T & MX100TP
New compact triple output power supplies with three full-performance outputs. Range switching gives up to 6A or 70V. 315 watts. Model with RS-232, USB, GPIB & LAN interfaces

CPX & CPX-P series
Compact 'PowerFlex' regulated series, single and dual output with analog controls, 350 to 840 watts. Models with RS-232, USB, GPIB & LAN interfaces (CPX-P).

QPX & QPX-P series
High power PowerFlex and PowerFlex+ regulated units, digital controls. Single and dual outputs, 750 to 1200 watts. Analog, RS-232, USB, GPIB & LAN (LXI) interfaces (QPX-P).

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