



ADVANCED
RESEARCH INSTRUMENTS
CORPORATION



F-100PS

± 15 Volt DC Power Supply

with TTL, ECL, and Analog Outputs
(and Optional NIM connection)

The F-100PS is a low noise power supply which works with all of the Advanced Research Instruments preamplifiers. It serves as a clean source of power. It is connected to the ARI preamplifiers via a single DB9 cable and provides BNC output connectors for TTL, ECL and Analog signals. There is also an optional NIM converter which can be configured to handle the ECL or TTL signals.

SPECIFICATIONS

Output	± 15 VDC/.25A
Noise	$< 0.2\text{mV}_{\text{rms}}$
Power Requirements	115/220 VAC, 1/4A (Specify)

The DB9 connector on the F-100PS has the following pin outs;

<u>Pin</u>	<u>Description</u>
1	TTL Signal (Crosses to BNC)
2	ECL Signal (Crosses to BNC)
3	+15 VDC
4	<Not Used>
5	ECL (Crosses to BNC)
6	Signal Ground
7	Power Ground
8	-15 VDC
9	Analog Signal (Crosses to BNC)