



The 215 is a high voltage power supply designed for use with detectors operating in the photoemissive (photomultiplier) and photoconductive (lead sulphide and lead selenide) mode.

The output is continuously variable between -300V and -1500V at up to 2mA and is fully short-circuit protected.

The 215 is a single-width module, housed within the 417/T mother unit.

The output voltage can be monitored on the 417 display and set using a front panel operated adjustment, or can be controlled externally by application of a DC level.

The unit can be switched off independently from the 417 bin by a front panel toggle switch or remotely which provides a shut down facility that can be used with a microswitch in safety interlock systems.

Core Features

- Variable -300 to -1500V
- Excellent stability
- External control available

Specification	
Output:	350 to 1500V negative at up to 1.5mA from a HV BNC connector. Adjusted by potentiometer or internal control voltage
Stability:	100 ppm/°C, 25ppm for 10% change in line voltage
Ripple & Noise:	100ppm pk-pk
External Control:	0 to 10V via 3.5mm jack socket
On/Off Switch:	Independent from main bin. Mounted on front panel of 215
Display:	HV output is displayed on analogue/digital display of 417