

**Power Control Rack**  
Heavy duty steel rack for protected power distribution for all system components.

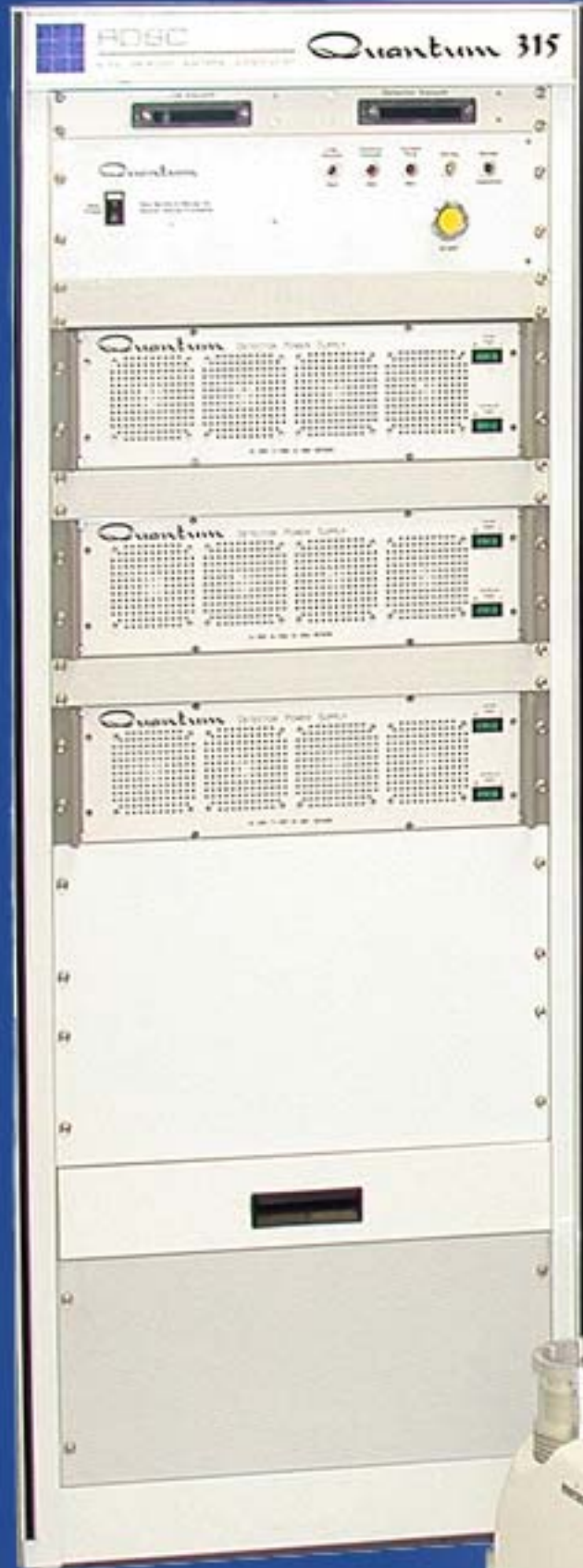
**Vacuum Meter Panel**  
Separate meters monitor detector and line vacuum.

**Fire Wall Box**  
System power distribution with water, vacuum, and fan safety interlocks.

**CCD Power Supplies**  
Power for the nine CCD detector modules.

**Water Chiller**  
Provides backup for the thermo-electric cooling in the modules.

**Vacuum Pump**  
Efficient, dry, high vacuum pump.



**Quantum 315 Detector**  
Active area: 315 x 315 mm (6k x 6k pixels)  
Size: 41 x 43 x 80 cm. Weight: 141 kg



**Data Control Rack**  
Heavy duty steel rack for data acquisition and processing



**Multi-port KVM Switch**  
Switches monitor and keyboard control between the nine computers.

**Frame Buffer Computers**  
Separate computers for each of the nine detector modules, with 3.09 GHz. Pentium 4's.

**Keyboard / Monitor**  
Pull-out LCD monitor and keyboard.

**Raid Array**  
Dual 3 GHz. Pentium Zeon CPU's and 16 disk drives for a total capacity of 2 Tera Bytes.

**UPS**  
Un-interruptible power supply to guard against power outages.