

Neutral Particle Detector

Item	Channels	Cost/Channel	Cost
PbWO4	1150 (=1116+34)	\$250	\$287,500
PMT+mag. Shield	1150	\$350	\$402,500
PMT Voltage dividers	1150	\$100	\$115,000
Amplifiers	1150	\$5.50	\$6,325
Magnet Construction	1	\$121,659	\$121,659
Temperature Controlled Frame	1	75000	\$75,000
Cooler system for frame	1	10000	\$10,000
Motion controller	1	15000	\$15,000
Flash ADC 250	40	4500	\$180,000
Crate Trigger Processor	3	5000	\$15,000
Signal Distribution Card	3	2500	\$7,500
Trigger Interface	3	3000	\$9,000
CPU/SSP	3	4000	\$12,000
VXS crate	3	16000	\$48,000
Support structure/stands?			
Thomson slides/rollers?			
Light monitoring system	1	50000	\$50,000
UV curing system	1	50000	\$50,000
Total Equipment			\$1,404,484
Total Equipment (no fADC)			\$1,032,984