

Right HRS Detector Position Information

Detector	Measured Z Pos (m)	Analysis Z pos (m)	Offsets (cm)
VDC (U1 Plane)	0 (By Default)	0 (By Default)	+0.5 cm in Y (measured) +0.516 cm in Y (optics database)
Straw Chamber (Front/Bottom Plane)	1.52	1.542	-13.9 cm in X (analysis) -5.48 cm in Y (analysis)
S0	1.75	1.741	~0.0 cm in Y (measured) -0.28 cm in Y (analysis) -8 cm in X (analysis)
Cherenkov (Front Plane)	1.82	1.80 (based on distance to s0/s2)	~0.0 cm in Y (measured) -0.28 cm in Y (S0 analysis) -8 cm in X (S0 analysis)
s2	3.33	3.31	-16.6 cm in X (analysis)
Calorimeter	3.49 (Front Plane)	3.50 (Pre-Shower) 3.65 (Shower)	-7.0 cm in X, <0.5 cm in Y (analysis, pre-shower) -2.7 cm in X, -0.38 cm in Y (analysis, shower)

Left HRS Detector Position Information

Detector	Measured Z Pos (m)	Analysis Z pos (m)	Offsets (cm)
VDC (U1 Plane)	0 (By Default)	0 (By Default)	+0.807 cm in Y (optics database)
s1	1.42	1.37 (based on distance to s0/s2)	
Straw Chamber (Front/Bottom Plane)	1.57	1.528	-9.50 cm in X (analysis) -2.69 cm in Y (analysis)
S0	1.78	1.731	-0.32 cm in Y (measured) +0.31 cm in Y (analysis) -14 cm in X (analysis)
Cherenkov (Front Plane)	1.85	1.810 (based on distance to s0/s2)	-0.32 cm in Y (measured) +0.31 cm in Y (S0 analysis) -14 cm in X (S0 analysis)
s2	3.23	3.179	-12.1 cm in X (analysis)
Calorimeter	4.57 (Front Plane)	4.58 (prl1) 4.77 (prl2)	-20 cm in X, <0.5 cm in Y (analysis, prl1) -11 cm in X , +2.3 cm in Y (analysis, prl2)