

	GLACIER	LENA	MEMPHYS
Detector dimensions			
Type of cylinder	1 vert.	1 horiz.	3–5 vert.
Diam. (m)	70	30	65
Length (m)	20	100	65
Typical mass (kton)	100	50	600–800
Active target and readout			
Type of target	Liq. argon (boiling)	Liq. scintillator	Water (opt. 0.2% GdCl ₃)
Readout type	e^- drift: 2 perp. views, 10 ⁵ channels, ampli. in gas phase; Cher. light: 27 000 8'' PMTs, ~20% coverage; scint. light: 1000 8'' PMTs	12 000 20'' PMTs ≥30% coverage	81 000 12'' PMTs ~30% coverage