

Ion Selective Electrodes

Cupric · Cyanide

ISE

sensors



Parameter	Cupric		Cyanide	
Code	HI4008	HI4108	HI4009	HI4109
Type	solid-state; half-cell	solid-state; combination	solid-state; half-cell	solid-state; combination
Measurement Range	0.1M to $1 \cdot 10^{-6}$ M 6355 to 0.06 mg/L (ppm)		0.01M to $1 \cdot 10^{-6}$ M 260 to 0.02 mg/L (ppm)	
Optimum pH Range	3 to 7	3 to 7	>11	>11
Temperature Range	0 to 80°C	0 to 80°C	0 to 80°C	0 to 80°C
Approximate Slope	+27	+27	-56	-56
Body O.D.	12 mm	12 mm	12 mm	12 mm
Insertion Length	120 mm	120 mm	120 mm	120 mm
Body Material	epoxy	PEI	epoxy	PEI
Cable	1 m coaxial	1 m coaxial	1 m coaxial	1 m coaxial
Possible Applications	used as an indicator for titrations using chelates		determination of free cyanide ions in plating baths, waste water and in plant and soil samples	
Connection	BNC	BNC	BNC	BNC