Electrodes for Specific Analysis



Code	HI12943	FC2153	HI12963	HI12973
Description	pH electrode	pH electrode	pH electrode	pH/ORP electrode
Reference	single, Ag/AgCl	single, Ag/AgCl	single, Ag/AgCl	single, Ag/AgCl
Junction	ceramic, triple / 40-50 µL/h	ceramic, triple	cloth	cloth
Electrolyte	KCl 3.5M + AgCl	KCl 3.5M + AgCl	gel	gel
Max Pressure	0.1 bar	0.1 bar	3 bar	3 bar
Range	pH: 0 to 12	pH: 0 to 12	pH: 0 to 12	pH: 0 to 12; ORP
Recommended Operating Temp.	-5 to 70°C (23 to 158°F)	-5 to 70°C (23 to 158°F)	0 to 70°C (32 to 158°F)	0 to 70°C (32 to 158°F)
Glass Type	LT (low temperature)	LT (low temperature)	LT (low temperature)	pH: LT (low temperature)
Tip /Shape	conic (12 x 12 mm)	spheric (dia: 9.5 mm)	spheric (dia: 5 mm)	pH: conic (3 mm); ORP: platinum sensor
Temperature Sensor	yes	yes	yes	yes
Amplifier	yes	yes	yes	yes
Body Material	glass	glass	titanium	titanium
Cable	7-pole; 1 m (3.3')	coaxial; 1 m (3.3')	7-pole; 1 m (3.3')	7-pole; 1 m (3.3')
Recommended Use	direct soil, soilless media, soil solution	drinking water	wastewater	wastewater, municipal water, water treatment, swimming pools
Connection	**HI12943** Quick Connect DIN*	**FC2153** DIN*	**HI12963** Quick Connect DIN*	**HI12973** Quick Connect DIN*
	* Only for use with HI9814 GroLine® multiparameter meter	* Recommended for use with HI99192 pH meter	* Recommended for use with HI98190 and HI991001 pH meter	* Recommended for use with HI991003 pH meter