

Conductivity Electrode Cells

HORIBA Conductivity cells are available as Submersible type and Flow type, as well as in a variety of cell constants ranging from 0.1 to 10.0.

The HORIBA Conductivity cells are integrated with temperature sensor (except for 3573 & 3574) and the wetted material is **Titanium, coated with Platinum black**. Rugged Titanium allows cell to be used in a wide range of applications, including highly corrosive samples such as concentrated acids and sea water. Maintenance is simple – soak in deionized/demineralized water or with the conditioning solution.

Conductivity Cells (Submersible Type)

Type	Cell Constant (cm ⁻¹)	Measurement Range	Temperature Compensation Element	Temperature Range (°C)	Sample Amount Required (mL)	Applications
3551-10D  3014081712 Overall length: 175 mm Diameter of probe: 23 mm Connectors: BNC & phono jack	0.1	10 µS/m to 1 S/m (0.1 µS/cm~10 mS/cm)	Incorporated	0-60	50	For low conductivity water (deionized water or other)
3552-10D  3014081545 Overall length: 150 mm Diameter of probe: 12 mm Connectors: BNC & phono jack	1	0.1 mS/m to 10 S/m (1 µS/cm~100 mS/cm)	Incorporated	0-100	15	For general purpose use
3553-10D  3014081714 Overall length: 175 mm Width of probe: 28 mm Connectors: BNC & phono jack	10	1 mS/m to 100 S/m (10 µS/cm~1 S/cm)	Incorporated	0-60	50	For high conductivity water
9382-10D  3014046709 Overall length: 150 mm Diameter of probe: 16 mm Connectors: BNC & phono jack	1	0.1 mS/m to 10 S/m (1 µS/cm~100 mS/cm)	Incorporated	0-80	20-30	Waterproof; For general purpose use.

Conductivity Cells (Flow Type)

Type	Cell Constant (cm ⁻¹)	Measurement Range	Temperature Compensation Element	Temperature Range (°C)	Sample Amount Required (mL)	Applications
3561-10D  3014082350 Overall length: 143 mm Diameter of probe: 18 mm Connectors: BNC & phono jack	0.1	10 µS/m to 1 S/m (0.1 µS/cm~10 mS/cm)	Incorporated	0-60	10	For low conductivity water (pure water or other)
3562-10D  3014082350 Overall length: 205 mm Diameter of probe: 18 mm Connectors: BNC & phono jack	1	0.1 mS/m to 10 S/m (1 µS/cm~100 mS/cm)	Incorporated	0-60	16	For general purpose use
3573-10C  3014082590 Overall length: 222 mm Diameter of probe: 18 mm Connector: BNC	10	1 mS/m to 100 S/m (10 µS/cm~1 S/cm)	—	0-60	4	For high conductivity water
3574-10C  3014082592 Overall length: 136 mm Diameter of probe: 66 mm Connector: BNC	10	1 mS/m to 10 S/m (10 µS/cm~100 mS/cm)	—	0-80	0.25	For column chromatography using a very small amount of sample