

Conductivity Cells



	Standard conductivity cell		Special conductivity cell	Ultrapure water conductivity cell		Trace conductivity cell	Conductivity flow-thru cell
	TetraCon® 325	TetraCon® V	TetraCon® 325/S	LR 325/01	LR01 V	LR 325/001	TetraCon® DU/T
Order No.	301 960	301 990	301 602	301 961	301 992	301 962	301 252**
Electrode material	Graphite		Graphite	V4A steel		V4A steel	Graphite
Flow-thru vessel	-		-	-		V4A steel	-
Shaft material	Epoxy		Epoxy	V4A steel		V4A steel	Epoxy
Shaft length	4.72 in (120 mm)		4.72 in (120 mm)	4.72 in (120 mm)		4.72 in (120 mm)	6.10 in (155 mm)
Cell constant	K = 0.475 cm ⁻¹		K = 0.491 cm ⁻¹	K = 0.1 cm ⁻¹		K = 0.01 cm ⁻¹	K = 0.778 cm ⁻¹
Diameter	0.60 in (15,3 mm)		0.60 in (15,3 mm)	0.47 in (12 mm)		0.79 in (20 mm)	-
Cable length	4.9 ft (1.5 m)		4.9 ft (1.5 m)	4.9 ft (1.5 m)		4.9 ft (1.5 m)	3.3 ft (1 m) (only with KKDU 325)
Measuring range	1 µS/cm ... 2 S/cm*		1 µS/cm ... 2 S/cm*	0.001 µS/cm ... 200 µS/cm		0.0001 µS/cm ... 30 µS/cm	1 µS/cm ... 2 S/cm*
Temperature range	32 ... 212 °F (0 ... 100 °C)		32 ... 212 °F (0 ... 100 °C)	32 ... 212 °F (0 ... 100 °C)		32 ... 212 °F (0 ... 100 °C)	32 ... 140 °F (0 ... 60 °C)
Filling volume	-		-	17 ml (without sensor)		ca. 10 ml (without sensor)	7 ml
Min./max. immersion depth	36/120 mm	40 mm	40/120 mm	30/120 mm	40 mm	40/120 mm	-

* Measuring range depends on particular instrument, ** Adapter cable KKDU 325 (order no. 301 963), length 3.3 ft (1 m), is necessary for the connection

For additional special measuring cells or other cable lengths see brochure "Product Details"