

DULCOTEST® Sensors

Measurement & Control Technology



ProMinent®

ProMinent offers a wide array of process variable Dulcotest sensors for water and wastewater applications. Markets covered include industrial, municipal and aquatics.

Our reagent-less amperometric sensors provide simple calibration and low maintenance for continuous monitoring of process variables such as chlorine, fluoride, and PAA.

ProMinent glass sensors incorporate the latest technology and ensures accuracy and reliability for your on-line measurement and control. Complete a system package with one of our Dulcotest monitors or controllers.

Amperometric Sensors

- Free Chlorine
- Total Chlorine
- Chlorine Dioxide
- Chlorite
- Bromine
- Peracetic Acid
- Hydrogen Peroxide
- Ozone
- Dissolved Oxygen

Glass Sensors

- pH
- ORP/Redox
- Fluoride
- Temperature

Conductivity Sensors

- Inductive
- Conductive

Selection aid for ProMinent® sensors

Capacity Data				
Measured Variable	Measurable Range	Sensor Type	Maximum Pressure	Temperature Range
Bromine	0.01-0.5 ppm	BCR	14.5 psi (1 bar)	41° - 113°F (5° - 45°C)
	0.01-0.5 ppm	BRE 1	44 psi (3 bar)	41° - 113°F (5° - 45°C)
	0.02-2.0 ppm	BCR	14.5 psi (1 bar)	41° - 113°F (5° - 45°C)
	0.04-2.0 ppm	BRE 1, 2	44 psi (3 bar)	41° - 113°F (5° - 45°C)
	0.10-10.0 ppm	BCR	14.5 psi (1 bar)	41° - 113°F (5° - 45°C)
	0.20-10.0 ppm	BRE 1, 2	44 psi (3 bar)	41° - 113°F (5° - 45°C)
Chlorine Dioxide	0.01-0.50 ppm	CDE	14.5 psi (1 bar)	41° - 113°F (5° - 45°C)
	0.01-0.50 ppm	CDR	44 psi (3 bar)	34° - 131°F (1° - 55°C)
	0.02-2.00 ppm	CDE	14.5 psi (1 bar)	41° - 113°F (5° - 45°C)
	0.02-2.00 ppm	CDP	44 psi (3 bar)	41° - 113°F (5° - 45°C)
	0.02-2.00 ppm	CDR	44 psi (3 bar)	34° - 131°F (1° - 55°C)
	0.10-10.0 ppm	CDE	14.5 psi (1 bar)	41° - 113°F (5° - 45°C)
	0.10-10.0 ppm	CDR	44 psi (3 bar)	34° - 131°F (1° - 55°C)
Chlorite	0.02-0.50 ppm	CLT	14.5 psi (1 bar)	34° - 104°F (1° - 40°C)
	0.10-2.00 ppm	CLT	14.5 psi (1 bar)	34° - 104°F (1° - 40°C)
Conductivity	Inductive/Conductive	Consult Catalog	-	-
Fluoride	0.05-10 ppm	FLEP	102 psi (7 bar)	34° - 95° F (1° - 35° C)
Free Chlorine	0.01-0.50 ppm	CLE	14.5 psi (1 bar)	41° - 113°F (5° - 45°C)
	0.01-5.0 ppm	CLE	14.5 psi (1 bar)	41° - 113°F (5° - 45°C)
	0.01-10.0 ppm	CLE	14.5 psi (1 bar)	41° - 113°F (5° - 45°C)
	0.01-50 ppm	CLE	14.5 psi (1 bar)	41° - 113°F (5° - 45°C)
	0.02-2.0 ppm	CLE	14.5 psi (1 bar)	41° - 113°F (5° - 45°C)
	0.02-2.0 ppm	CLO 2	44 psi (3 bar)	41° - 113°F (5° - 45°C)
	0.02-2.0 ppm	CLO 1	116 psi (8 bar)	41° - 113°F (5° - 45°C)
	0.10-10.0 ppm	CLE	14.5 psi (1 bar)	41° - 113°F (5° - 45°C)
	0.10-10.0 ppm	CLO 1	116 psi (8 bar)	41° - 113°F (5° - 45°C)
	0.20-20.0 ppm	CLE	14.5 psi (1 bar)	41° - 113°F (5° - 45°C)
	1-100 ppm	CLE	14.5 psi (1 bar)	41° - 113°F (5° - 45°C)
	10-1,000 ppm	CLR	14.5 psi (1 bar)	41° - 113°F (5° - 45°C)
	0.02-10 ppm	CGE-3	44 psi (3 bar)	41° - 113°F (5° - 45°C)
	Free Chlorine/Bromine	0.01-0.50 ppm	CBR	14.5 psi (1 bar)
0.02-2.0 ppm		CBR	14.5 psi (1 bar)	41° - 113°F (5° - 45°C)
0.10-10.0 ppm		CBR	14.5 psi (1 bar)	41° - 113°F (5° - 45°C)
Hydrogen Peroxide	0.50-50.0 ppm	PER	14.5 psi (1 bar)	32° - 113°F (0° - 50°C)
	2.0-200 ppm 20-2,000 ppm	PER PER	14.5 psi (1 bar) 14.5 psi (1 bar)	32° - 113°F (0° - 50°C) 32° - 113°F (0° - 50°C)
ORP	potentiometric	Consult Catalog	-	-
Ozone	0.02-2.00 ppm	OZE	14.5 psi (1 bar)	41° - 104°F (5° - 40°C)
Peracetic Acid	1-200 ppm	PAA	44 psi (3 bar)	34° - 113°F (1° - 45°C)
	10-2,000 ppm	PAA	44 psi (3 bar)	34° - 113°F (1° - 45°C)
pH	potentiometric	Consult Catalog	-	-
Temperature	32°-212°F (0°-100°C)	PT 100	145 psi (10 bar)	32°-212°F (0°-100°C)
	32°-212°F (0°-100°C)	PT 1000	145 psi (10 bar)	32°-212°F (0°-100°C)
Total Chlorine	0.01-.50 ppm	CTE	44 psi (3 bar)	41° - 113°F (5° - 45°C)
	0.01-10.0 ppm	CGE 2-CAN	44 psi (3 bar)	41° - 113°F (5° - 45°C)
	0.01-10.0 ppm	CTE 1-CAN	44 psi (3 bar)	41° - 113°F (5° - 45°C)
	0.02-2.00 ppm	CGE, CTE	44 psi (3 bar)	41° - 113°F (5° - 45°C)
	0.05-5.00 ppm	CTE	44 psi (3 bar)	41° - 113°F (5° - 45°C)
	0.10-10.0 ppm	CGE 2, CTE	44 psi (3 bar)	41° - 113°F (5° - 45°C)

