

Cole-Parmer® Self-Cleaning Flat pH and ORP Electrodes

No more solid buildups

- Flat surface prevents buildups, while fluid flow cleans surface for longer life
- Use with most meters and controllers—BNC connector and ATC element work with a variety of units
- Double junction for difficult applications
- Choose either CPVC housing or chemical-resistant Ryton® PPS housing



Ryton PPS electrode



Specifications

Thread size: 3/4" NPT(M)
Insertion depth: 1.75" (4.4 cm)
Housing length: 6.75" (17.1 cm)
Housing material: CPVC or Ryton PPS
Cable: 10 ft (3 m), with BNC connector
Temperature range: CPVC: 32 to 176°F (0 to 80°C)
 Ryton PPS: 32 to 212°F (0 to 100°C)
Maximum pressure: 100 psi

pH Electrodes

ATC element	ATC connector	pH electrodes, CPVC housing, 0 to 12 pH		pH electrodes, Ryton PPS housing, 0 to 12 pH	
		Cat. no.	Price	Cat. no.	Price
None	None	GY-27003-00		GY-27003-20	
100 Ω RTD	Mini audio plug	GY-27003-02		GY-27003-22	
100 Ω RTD	Tinned ends	GY-27003-12		GY-27003-23	
1 kΩ RTD	Spade lugs	GY-27003-04		GY-27003-24	
100 kΩ thermistor	1/4" phone plug	GY-27003-06		GY-27003-26	
3 kΩ Balco	Spade lugs	GY-27003-10		GY-27003-30	

ORP Electrodes

Housing material	Band type	Catalog number	Price
CPVC	Platinum	GY-27003-40	
Ryton PPS	Platinum	GY-27003-50	
Ryton PPS	Gold	GY-27003-60	

Cole-Parmer® pH and ORP Electrodes with Probe Guard

Reduce bulb damage with probe guard

- Versatile design—threads on both ends for submersion or in-line use
- Double-junction electrodes available; resist contamination from heavy metals, organics, or AgCl reactive compounds



Specifications

Thread size: 3/4" NPT(M)
Insertion depth: 1.75" (4.4 cm)
Housing length: 6.75" (17.1 cm)
Housing material: CPVC
Cable: 10 ft (3 m), with BNC pH connector
Temperature range: 32 to 176°F (0 to 80°C)
Maximum pressure: 100 psi

ATC element	ATC connector	Catalog number	Price
Insertion/submersion, single-junction pH electrodes, 0 to 14 pH			
None	None	GY-05993-10	
100 Ω RTD	Mini audio plug	GY-27300-21	
100 Ω RTD	Tinned ends	GY-27300-23	
1 kΩ RTD	Spade lugs	GY-27300-24	
Insertion/submersion, double-junction pH electrodes, 0 to 14 pH			
None	None	GY-27301-20	
100 Ω RTD	Mini audio plug	GY-27301-21	
100 Ω RTD	Tinned ends	GY-27301-23	
1 kΩ RTD	Spade lugs	GY-27301-24	
Insertion/submersion, single-junction ORP electrode			
None	None	GY-27300-19	
Insertion/submersion, double-junction ORP electrode			
None	None	GY-27301-19	

Cole-Parmer® Semi-Domed Rugged pH Electrodes

Less chance of breakage

- Don't worry about bulb breakage—unique design helps protect bulbs
- Eliminate electrical noise with graphite-tipped models
- Ideal for viscous or severe applications
- Reduce contamination and clogging with uniform pore size
- Choose chemical-resistant Ryton® PPS or graphite-tipped electrodes



Ryton PPS electrode

Graphite-tipped electrode



Specifications

Thread size: 3/4" or 1" NPT(M)
Insertion depth: 0.9" (2.3 cm)
Housing length: 5.9" (15 cm)
Housing material: Ryton PPS or Kynar® PVDF
Cable: 10 ft (3 m), with BNC pH connector
Temperature range: 32 to 230°F (0 to 110°C)
Maximum pressure: 150 psi

ATC element	ATC connector	pH electrodes		pH electrodes with graphite tips	
		Cat. no.	Price	Cat. no.	Price
3/4" NPT(M) threading, hexagonal body, Ryton PPS, 0 to 14 pH					
None	None	GY-27020-00		GY-27020-40	
100 Ω RTD	Mini audio plug	GY-27020-02		GY-27020-42	
100 Ω RTD	Tinned ends	GY-27020-03		GY-27020-43	
1 kΩ RTD	Spade lugs	GY-27020-06		GY-27020-46	
1" NPT(M) threading, round body, Kynar® PVDF, 0 to 14 pH					
None	None	GY-27020-20		GY-27020-60	
100 Ω RTD	Mini audio plug	GY-27020-22		GY-27020-62	
100 Ω RTD	Tinned ends	GY-27020-23		GY-27020-63	
1 kΩ RTD	Spade lugs	GY-27020-26		GY-27020-66	