

## INDUSTRIAL PH INSTRUMENTATION & ELECTRONICS

### Steam-Sterilizable 12 mm Electrodes

- Universal Industrial Electrodes
- Strong Glass or Ryton® Construction
- Universal Mounting with Available 316 SS Installation Fittings
- ✓ -5 to 135°C (25 to 275°F) Operating Temperature
- ✓ Porous PTFE Double Junction
- 3 m (10) Cable Length with BNC Connector
- ✓ -30°C (-22°F) Shipping Temperature

The construction of these electrodes allows them to withstand the high temperature of sterilization and fouling caused by most biological media. These electrodes are rated for 40.5 psi @ 131°C (268°F) and deliver long-term stability despite minimum maintenance.









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Model	PHE-5432-10	
Range	0 to 14 pH	
Junction	PTFE double	
Length	127 mm (5.0")	
Pressure	500 psi @ 25°C (77°F)	
Price	\$145	

**Note:** Optional PT100 or PT1K ATC (built-in temperature compensation) is available for **PHE-5431-10** and **PHE-5432-10**; add suffix "-**PT100**" and "-**PT1K**" to model number and \$40 to price.

25 mm port gland for fermentation vessels.

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Thick-Wall Glass	PPS	PAS	PPS	
CHE SECONDARY OF THE SE				
ORP	Triple Junction	PAS Body	T Handle pH	
D-62	D-59	D-61	D-61	
ORE-5432-10	PHE-5433-10	PHE-5431-10	PHE-5431-10-T	
±1999 mV	0 to 14 pH	0 to 14 pH	0 to 14 pH	
PTFE double	PTFE triple	PTFE double	PTFE double	
130 mm (5.1")	135 mm (5.3")	127 mm (5.0")	150 mm (5.90")	
500 psi @ 25°C (77°F)	500 psi @ 25°C (77°F)	500 psi @ 25°C (77°F)	150 psi @ 25°C (77°F)	
\$185	\$195	\$145	\$165	

PAS: Polyaryl sulfone.

**PPS:** Polyphenyl sulfide Ryton®.

Ordering Example: PHE-5432-10, pH electrode, PHEH-51S installation fitting required for first-time installation. ¾ MNPT,

316 SS, \$145 + 120 = **\$265**.

### **Fittings Selection Guide**

	MOST	POPULAR	R MODELS	HIGHLI	GHTED!
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Model No.	Price	Description
PHEH-51	\$120	½ MNPT, 316 SS
PHEH-51S	120	¾ MNPT, 316 SS
PHEH-52	138	1 MNPT, 316 SS
PHEH-51PG	270	25 mm port gland, 316 SS

#### **Accessory**

Model No.	Price	Description		
FW-332	\$79	Reference Book: Advanced pH Measurement and Control	$\overline{\Box}$	$\neg$

Your One-Stop Source for Process Measurement and Control!

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## pH and Conductivity

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