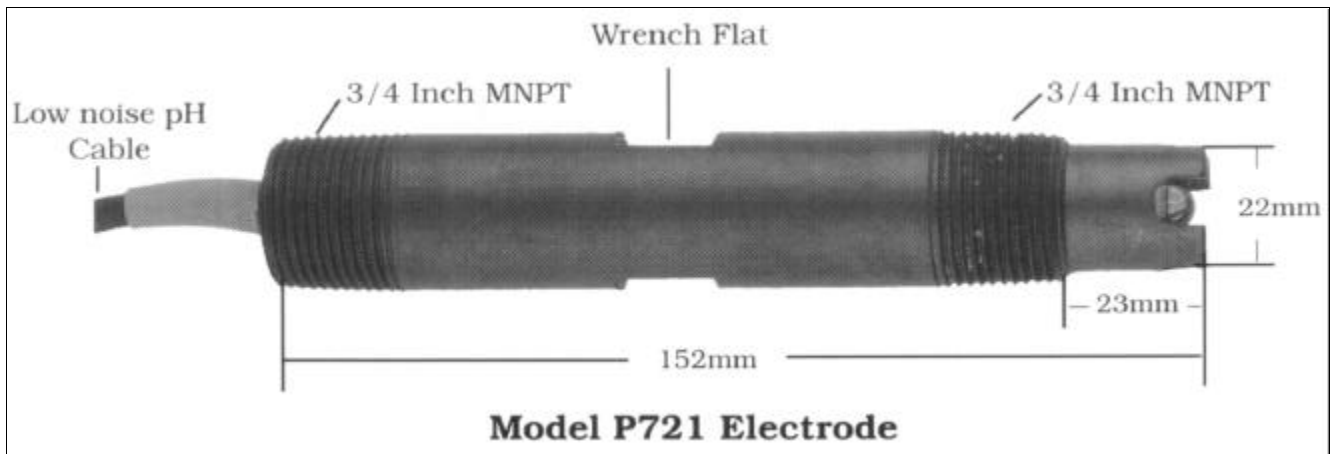


## Model P721 Electrode pH & ORP



### Low Cost Disposable Combination Electrode

This series of low cost electrodes are designed for reliable pH or ORP measurements either in-line or in submersible applications. The simplified construction, designed with the user in mind, does not require electrolyte replenishment or any component replacement. The sensor is housed in a moulded chemically resistant *Kynar*® body with *Viton*® O-Rings. Complete encapsulation eliminates process intrusion. The sensor features our *Magna-Flow*™ peripheral ceramic reference junction along with a guarded tip. The *Magna-Flow*™ double junction provides a longer life in process solutions containing ammonia, chlorine, cyanides, sulphides or other poisoning ions.

The P721 is available with integral temperature compensation. An optional platinum solution ground for self-diagnostic pH analyzers is also available. Designed for use on most manufacturers' instruments.

Installation is easily achieved through a wide variety of mounting configurations. Featured are 3/4 inch (MNPT) front and rear facing process connections for submersion or flow through applications.

#### Features

- ! Disposable Design
- ! Rugged Guarded Electrode Tip
- ! Double Junction Reference
- ! *Magna-Flow*™ Reference Junction
- ! *Kynar*® Housing
- ! Ten Foot Low Noise Cable
- ! Compatible With Most Analyzers

#### Specifications

- pH Range:** GX2 0-12; GX30-14
- Temperature Rating:** 0 to 100°C
- Maximum Pressure:** 100 psig (700kPa) @ 70°C
- Wetted Materials:** Glass, & *Kynar*®
- Cable Length:** 10 feet
- Process Connections:** 3/4 Inch MNPT

#### Options

- CVPC, Stainless Steel or *Ryton*® Housings
- BSP or Metric Threaded Ends
- Additional Cable Lengths
- Teflon*® or Wood Reference Junctions
- Single Ended Pre-amplifier
- Solution Ground
- Integral Temperature Compensation

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Kynar is a Trademark of Pennwalt Corp.  
Viton is a Trademark of E.I. du Pont de Nemours & Co.  
Magna-Flow is a Trademark of pHoenix Electrode Co.  
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