P Series Glass pH Electrode

P11

Glass pH electrode, suitable for measuring the general and mildly corrosive solutions



P11-LiCI

Glass pH electrode, suitable for measuring the non-aqueous solutions



P11-HA

Glass pH electrode, suitable for measuring the high alkalinity solutions



| Range | 014 pH |
|-----------------------|--------------------------|
| Operating Temperature | 080°C/32176°F |
| Reference | Ag/AgCI, single junction |
| Liquid Junction | Annular ceramic |
| Body Type | Glass |
| Connector | BNC, 1 m cable |
| Dimensions | 120(L)×12(Ø) mm |

P13

Glass pH electrode, suitable for measuring the micro-volume samples



| Range | 014 pH |
|-----------------------|--------------------------|
| Operating Temperature | 0100°C/32212°F |
| Reference | Ag/AgCI, single junction |
| Liquid Junction | Frit Ceramic |
| Body Type | Glass |
| Connector | BNC, 1 m cable |
| Dimensions | 90 (L)×4.3 (Ø) mm |

P15

Glass pH electrode, suitable for measuring the low conductivity solutions $% \left(1\right) =\left(1\right) \left(1\right)$



| Range | 011 pH |
|-----------------------|--------------------------|
| Operating Temperature | 050°C/32~122°F |
| Reference | Ag/AgCI, double junction |
| Liquid Junction | Annular ceramic |
| Body Type | Glass |
| Connector | BNC, 1 m cable |
| Dimensions | 120 (L)×12 (Ø) mm |
| | |

P16

Glass pH electrode, suitable for measuring the solutions with Tris buffer



| Range | 014 pH |
|-----------------------|--------------------------|
| Operating Temperature | 080°C/32176°F |
| Reference | Ag/AgCI, double junction |
| Liquid Junction | Frit ceramic |
| Body Type | Glass |
| Connector | BNC, 1 m cable |
| Dimensions | 90 (L)×6 (Ø) mm |

P19Glass pH electrode, suitable for piercing and measuring the semisolids and soft solids

Range 0...14 pH Operating Temperature 0...80°C/32...176°F Reference Ag/AgCl, single junction Liquid Junction Frit Ceramic Body Type Glass Connector BNC, 1 m cable Dimensions 40(L)×6(Ø) mm

P21

Glass pH electrode, suitable for measuring the colloids

| | Bante instruments |
|-----------------------|--------------------------|
| | |
| Range | 014 pH |
| Operating Temperature | 0100°C/32212°F |
| Reference | Ag/AgCI, double junction |
| Liquid Junction | Glass sleeve |
| Body Type | Glass |
| Connector | BNC, 1m cable |
| Dimensions | 120(L)×12(Ø)mm |

Electrode Selection Table

Accurate pH measurement depends on selecting the appropriate pH electrode. The chart below outlines the application range of each sensor for reference only.

| | Model | P11 | P11-LiCl | P11-HA | P13 | P15 | P16 | P19 | P21 | E201 | E202 |
|--------------------------|-----------------------|-----|----------|--------|-----|-----|-----|-----|-----|------|------|
| | Agar | • | | | | | | | | | |
| | Beer | • | | | • | | | | | | |
| | Cheese | | | | | | | • | | | • |
| | Cosmetics | • | | | • | | | | | | |
| | Creams | | | | | | | • | | | • |
| | Dairy Products | • | | | | | | | | | |
| | Dough | | | | | | | • | | | • |
| | Fish Products | | | | | | | • | | | • |
| 22 | Field Use | | | | | | | | | • | • |
| cartio | High Alkaline Samples | | | • | | | | | | | |
| Samples and Applications | Low Ionic/Pure Water | | | | | • | | | | | |
| and / | Meat | | | | | | | | | | • |
| səlde | Micro Samples | | | | • | | | | | | |
| Sam | Non-Aqueous Samples | | • | | | | | | | | |
| Typical | Ointments | | | | | | | • | | | • |
| | Paper/Textiles | | | | | | | | | | • |
| | Photographic | | | | | | | | | | |
| | Printing Inks/Paint | | | | | | | | | | • |
| | Semisolids | | | | | | | • | | | • |
| | Soil | | | | | | | • | | | • |
| | Test Tubes | | | | • | | | | | | |
| | Tris Buffer | | | | | | • | | | | |
| | Vegetables / Fruits | | | | | | | • | | | • |
| | Viscose Samples | | | | | | | | • | | • |

E Series Laboratory pH Electrode

E201-BNC

General purpose pH electrode, suitable for measuring the aqueous solutions



| Range | 014pH |
|-----------------------|-----------------------|
| Operating Temperature | 060°C/32140°F |
| Reference | AgCI, single junction |
| Liquid Junction | Fiber |
| Body Type | Ероху |
| Connector | BNC, 1 m cable |
| Dimensions | 120(L)×12(Ø) mm |

E202-BNC

Flat surface pH electrode, suitable for measuring the semisolids



| Range | 014pH |
|-----------------------|-----------------------|
| Operating Temperature | 060°C/32140°F |
| Reference | AgCl, single junction |
| Liquid Junction | Teflon |
| Body Type | Ероху |
| Connector | BNC, 1 m cable |
| Dimensions | 120(L)×12(Ø) mm |
| | |

E203-BNC

3-in-1 pH electrode with built-in temperature sensor, suitable for outdoor applications



| Range | 014 pH |
|-----------------------|-----------------------|
| Operating Temperature | 060°C/32140°F |
| Reference | AgCI, single junction |
| Liquid Junction | Fiber |
| Body Type | Ероху |
| Connector | BNC, 1 m cable |
| Dimensions | 120(L)×12(Ø) mm |
| | |

E Series Laboratory ORP Electrode

501

Plastic ORP electrode, suitable for measuring the liquids with strong redox potential



| Platinum pin |
|----------------|
| 060°C/32140°F |
| Ag/AgCI |
| Teflon |
| Ероху |
| BNC, 1 m cable |
| 120(L)×12(Ø)mm |
| |

502

Plastic ORP electrode, suitable for measuring the liquids with weak redox potential



| Sensor Type | Platinum band |
|-----------------------|----------------|
| Operating Temperature | 060°C/32140°F |
| Reference | Ag/AgCI |
| Liquid Junction | Teflon |
| Body Type | Ероху |
| Connector | BNC, 1 m cable |
| Dimensions | 120(L)×12(Ø)mm |

504

Glass ORP electrode, suitable for measuring the mildly corrosive liquids



| Sensor Type | Platinum band |
|-----------------------|-----------------|
| Operating Temperature | 080°C/32176°F |
| Reference | Ag/AgCI |
| Liquid Junction | Annular ceramic |
| Body Type | Glass |
| Connector | BNC, 1 m cable |
| Dimensions | 120(L)×12(Ø)mm |