

Ph & ORP(Redox) Elektrodes

Hanna Instruments heeft het meest uitgebreide gamma alsook laatste technologie op het gebied van pH & ORP elektrodes

- 'Intelligente' elektrodes met temperatuur sensor
- ingebouwde microchip memoriseert calibratie data.
- matching pin technologie
- geamplificeerde elektrodes **AmpHel®**.

Contacteer ons voor de beste keuze van pH/ORP elektrode voor uw meter en toepassingen.

Hieronder vindt u een aantal toepassingen met de aanbevolen elektrodes die er bijhoren met verschillende aansluitingen naargelang het type pH/ORP meter.



| Applicatie | Aanbevolen Elektrodes | Specificaties |
|---|---|---|
| Aquarium | HI 1332B/D/P , HI 1312S | double ceramic junction, refillable |
| Schoonheidscrème | FC 212D | open junction, viscolene |
| Bier | HI 1131B/D/P , HI 1111S | ceramic junction, refillable |
| Biotechnology (< 100 µl) | HI 1083B/D/P | open junction, viscolene |
| Brood | HI 2031B/D , HI 2020S | ceramic junction, refillable |
| | FC 200B/D/S | open junction, viscolene |
| Kaas | FC 200B/D/S | open junction, viscolene |
| | FC 202D | open junction, viscolene |
| | FC 240B | open junction, viscolene |
| | FC 250B | open junction, viscolene |
| Chloor titraties | HI 3118B | electrode for titrations |
| Koeltorens | HI 72911D | Teflon® junction, polymer filled |
| Melkproducten | FC 911B/D | double ceramic junction, refillable |
| | FC 250B | open junction, viscolene |
| | FC 300B/D | ceramic junction, refillable |
| | FC 201D | open junction, viscolene |
| | FC 100B/D | double ceramic junction, refillable |
| | FC 203D | open junction, viscolene |
| | FC 211D | open junction, viscolene |
| Emulsies | HI 1053B/D/P , HI 1050S | 3 ceramic junction, refillable |
| | HI 1612D | 3 ceramic junction, refillable |
| Environmental | HI 1217D/S | ceramic junction, gel filled |
| Flessen | HI 1331B/D , HI 1311S | ceramic junction, refillable |
| Fluoride | FC 301B + HI 5313 | FC 301B measurement, HI 5313B reference |
| Voedingsindustrie (algemeen gebruik) | FC 100B/D | double ceramic junction, refillable |
| Fruit | FC 911B/D | double ceramic junction, refillable |
| | FC 200B/D/S | open junction, viscolene |
| | FC 202D | open junction, viscolene |
| | FC 220B/D | 3 ceramic junction, refillable |
| | FC 230B/D | open junction, viscolene |
| Fruitsappen, organisch | FC 210B/D | double open junction, viscolene |
| Algemeen gebruik voor oplossingen met een pH waarde rond 7 | HI 1217-6 | single ceramic junction, gel filled |
| | HI 1285-6 | cloth junction, gel filled |
| Ham en sausen | FC 200B/D/S | open junction, viscolene |
| | FC 202D | open junction, viscolene |
| | FC 230B/D | open junction, viscolene |
| | HI 2031B/D , HI 2020S | ceramic junction, refillable |
| Hoge vochtigheid | FC 911B/D | double ceramic junction, refillable |
| Ultra puur water | HI 1053B/D/P , HI 1050S | 3 ceramic junction, refillable |
| Horticultuur | HI 1053B/D/P , HI 1050S | 3 ceramic junction, refillable |
| | FC 200 B/D/S | open junction, viscolene |
| | FC 202D | open junction, viscolene |
| Industrieel afvalwater | HI 1296D | cloth junction, gel filled |
| | HI 1297D | cloth junction, gel filled |
| Laboratorium | HI 1131B/D/P , HI 1111S | ceramic junction, refillable |
| Algemeen gebruik) | HI 1230B/D/P , HI 1210S | double ceramic junction, gel filled |
| | HI 2110B | pH half cell |
| | HI 5311 | double ceramic junction, refillable |
| | HI 5412 | ceramic junction, refillable |
| | HI 3131B/D/P , HI 3111S | ceramic junction, refillable |
| | HI 1217D , HI 1611D | ceramic junction, refillable |
| | HI 1610D | ceramic junction, refillable |

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| | HI 1615D | ceramic junction, refillable |
| | HI 1616D | ceramic junction, gel filled |
| Leer en Papier | HI 1413B | open junction, viscolene |
| | HI 1413B/50, HI 1413S/50 | open junction, gel filled |
| Lemoen sap | FC 100B/D | double ceramic junction, refillable |
| Vlees | FC 200B/D/S | open junction, viscolene |
| | FC 230B/D | open junction, viscolene |
| | HI 2031B/D, HI 2020S | ceramic junction, refillable |
| | FC 400B/D | open junction, viscolene |
| | FC 201D, FC 231D, FC 232D | open junction, viscolene |
| Melk and yogurt | FC 210B/D | double open junction, viscolene |
| | FC 201D | open junction, viscolene |
| | FC 212D | open junction, viscolene |
| Mineraal water | HI 1153B/D | 3 ceramic junction, electrolyte KCl 3.5M |
| Verf | HI 1053B/D/P, HI 1050S | 3 ceramic junction, refillable |
| Papier | HI 1413B | open junction, viscolene |
| | HI 1414D | open junction, viscolene |
| | HI 1413B/50, HI 1413S/50 | open junction, viscolene |
| | HI 1414D/50 | open junction, gel filled |
| Fotografische chemicaliën | HI 1230B/D, HI 1210S | double ceramic junction, gel filled |
| | HI 1618D | cloth junction, gel filled |
| Plating baden | HI 62911D | Teflon® junction, polymer filled |
| Proteïen oplossingen | FC 210B/D/U | double open junction, viscolene |
| Kwaliteits controle | HI 1332B/D/P, HI 1312S | double ceramic junction, refillable |
| | FC 100B | double ceramic junction, refillable |
| monsters met fluoride | HI 1143B/D | single ceramic junction, electrolyte KCl 3.5M |
| Semi vaste producten | HI 2031B/D, HI 2020S | ceramic junction, refillable |
| Huid | HI 1413B, HI 1413B/50, HI 1413S/50 | open junction, gel filled |
| Grond | HI 1292D | 3 ceramic junction, refillable |
| Grond stalen | HI 1230B/D, HI 1210S | double ceramic junction, gel filled |
| | HI 1617D | 3 ceramic junction, refillable |
| | HI 1292D | 3 ceramic junction, refillable |
| Solventen | HI 1043B/D/P, HI 1040S | double ceramic junction, refillable |
| Sterke zuren | HI 1043B/D/P, HI 1040S | double ceramic junction, refillable |
| | HI 1135B | double ceramic junction, electrolyte KCl 3.5M |
| Oppervlakte metingen | HI 1413B, HI 1413B/50, HI 1413S/50 | open junction, viscolene |
| ZwembadenI, Stadswater | HI 1297D | cloth junction, gel filled |
| Titraties | HI 5412 + HI 2110B | HI 5412 measurement, HI 2110B reference |
| met constante temperatuur bereik | HI 1131B/D/P | HI 1131 measurement, HI 2110B reference |
| Titraties | HI 5311 + HI 2110B | HI 5311 measurement, HI 2110B reference |
| Met breed temperatuur bereik | HI 1131B/D/P | HI 1131 measurement, HI 2110B reference |
| Tris buffer | HI 1144B/D | ceramic junction, electrolyte KCl 3.5M |
| | HI 1343B/D | single ceramic junction, electrolyte KCl 3.5M |
| | HI 5412 | single ceramic junction, electrolyte KCl 3.5M |
| | HI 5413 | Teflon® junction, electrolyte KCl 3.5M |
| | HI 5414 | double ceramic junction, electrolyte KCl 3.5M |
| Vials en Test tubes | HI 1093B | open junction, viscolene |
| | HI 1330B/D/P, HI 1310S | ceramic junction, refillable |
| Wijn en Most | HI 1048B/D/P | CPS™ open junction, refillable |
| Wijn fabricatie | FC 220B/D | 3 ceramic junction, refillable |

ORP Elektrodes

| Bestelcode | Specificaties |
|--------------------------------------|---|
| HI 3230B/D, HI 3210S | Platinum sensor, ceramic junction, gel filled |
| HI 3618D | Platinum sensor, ceramic junction, refillable |
| HI 3619D | Platinum sensor, ceramic junction, refillable |
| HI 3620D | Platinum sensor, ceramic junction, gel filled |
| HI 4430B/D, HI 4410S | Gold sensor, ceramic junction, gel filled |
| HI 4619D | Gold sensor, ceramic junction, gel filled |

Hanna Instruments is veruit de grootste producent van pH elektrodes ter wereld. Hanna staat op het voorfront wat betreft innovatie. In 1984, Hanna introduceert de **HI 1213S**, de eerste combinatie pH elektrode met een ingebouwde temperatuursensor ter wereld. In 1988, werelds eerste pre-amplificeerde elektrode, **AmpHel®**. Met twintig jaar ervaring in het produceren van elektrodes, heeft Hanna een zeer uitgebreid assortiment van elektrodes voor al uw specifieke toepassingen. We zijn trots om de nieuwste technologie op het gebied van pH elektrodes voor te stellen: de "intelligente" elektrodes met ingebouwde temperatuursensor. Ze bevatten een microchip dat alle calibratie data memoriseert. De elektrode wordt herkend zodra ze aan de meter wordt aangeschakeld. Zo kunnen verschillende elektrodes aan één meter aangesloten worden zonder telkens opnieuw te moeten herkalibreren.