

# Laboratory Selection

Conductivity meters, pH-meters, oxygen analysers and sensors



## Wide range of instruments Interfaceable on PC

pH, redox, O<sub>2</sub>, conductivity, etc.

Simple, reliable and intuitive

Vast range of protected electrodes  
for all uses



Measure up



# pH-meter - Conductivity meter

Digital range

- 1 ergonomic casing
- 2 liquid-crystal displays
- 1 touch-sensitive keyboard
- Particularly simple to use
- Easy calibration and adjustment

Simple to  
use and  
educational



Analogue & RS 232  
outputs

## Choose your instrument...

|        | PARAMETERS |    |         |       | Temperature compensation                      | Communication   |       | Calibration                                              | Connections                                                                               |
|--------|------------|----|---------|-------|-----------------------------------------------|-----------------|-------|----------------------------------------------------------|-------------------------------------------------------------------------------------------|
|        | pH         | mV | Conduct | Temp. |                                               | Analogue output | RS232 |                                                          |                                                                                           |
| P310   | ●          | ●  |         | ●     | - Automatic if temperature sensor<br>- Manual | 0-5 V           | ●     | pH: auto or manual.<br>mV: manual                        | 2 BNC plugs (pH+mV)<br>2 reference plugs<br>1 temperature plug                            |
| C320   |            |    | ●       | ●     | - Automatic if temperature sensor<br>- Manual | 0-5 V           | ●     | Conductivity: manual                                     | 1 BNC conductivity plug<br>1 temperature plug                                             |
| MPC350 | ●          | ●  | ●       | ●     | - Automatic if temperature sensor<br>- Manual | 0-5 V           | ●     | pH: auto or manual<br>mV: manual<br>Conductivity: manual | 2 BNC plugs (pH+mV)<br>2 reference plugs<br>1 temperature plug<br>1 BNC conductivity plug |

# pH-meter - Conductivity meter **Analogue range**

Compact, rugged instruments

Compatible with the EXAO software



**PSD1:** pH

**PSD21:** pH, mV

**PPD26:** pH, mV (battery or mains)

**CSD22:** Conductivity

**OSD23:** Oxygen

**MPC25:** pH and conductivity  
2 separate analogue outputs

## Choose your instrument...

|              | PARAMETERS |    |         |                | Temperature compensation | Analogue output   | Calibration | Connections                                                       |
|--------------|------------|----|---------|----------------|--------------------------|-------------------|-------------|-------------------------------------------------------------------|
|              | pH         | mV | Conduct | O <sub>2</sub> |                          |                   |             |                                                                   |
| <b>PSD1</b>  | ●          |    |         |                | Manual                   | 0-5 V             | Manual      | 1 BNC plug                                                        |
| <b>PSD21</b> | ●          | ●  |         |                | Manual                   | 0-5 V             | Manual      | 1 BNC plug (pH/mV)<br>1 reference plug                            |
| <b>PPD26</b> | ●          | ●  |         |                | Manual                   | 0-2 V             | Manual      | 1 BNC plug<br>1 temperature plug                                  |
| <b>CSD22</b> |            |    | ●       |                |                          | 0-5 V             | Manual      | 1 BNC plug                                                        |
| <b>OSD23</b> |            |    |         | ●              | Automatic                | 0-5 V             | Manual      | 1 x 5-pin plug                                                    |
| <b>MPC25</b> | ●          | ●  | ●       |                | Manual                   | 2 x 0-5 V outputs | Manual      | 1 BNC plug (pH/mV)<br>1 reference plug<br>1 BNC conductivity plug |

# Probes and electrodes Sensors range

Combined or separate electrodes: pH, Redox

O<sub>2</sub> and CO<sub>2</sub> sensors, conductivity cells

Protected polypropylene or glass body

## Connections:

- Combined electrodes, measurement electrodes: BNC, S7, DIN plug, etc.
- Conductivity cells: BNC, S7, banana plugs
- Reference electrodes: S7, 2 or 4 mm banana plugs.



## Choose your model...

| Model no. | Electrode reference | Type              | Electrode material | Sensor type       | Reference system   | Electrolyte of reference        |
|-----------|---------------------|-------------------|--------------------|-------------------|--------------------|---------------------------------|
| 1         | XRV1H               | Combined pH       | Blue polypropylene | Glass pH          | Ag/AgCl            | KCl M/1                         |
| 2         | BRV1H               | Combined pH       | Glass              | Glass pH          | Ag/AgCl            | KCl M/1                         |
| 1         | XRpt1               | Combined redox    | Blue polypropylene | Platinum wire     | Ag/AgCl            | KCl M/1                         |
| 3         | XR41                | Reference         | PVC                |                   | Ag/AgCl            | KCl M/1                         |
| 3         | XR42                | Reference         | PVC                |                   | Calomel            | KCl 3M                          |
| 3         | XR43                | Reference         | PVC                |                   | Mercurous sulphate | K <sub>2</sub> SO <sub>4</sub>  |
| 1         | XV41                | pH measurement    | Blue polypropylene | Glass pH          |                    |                                 |
| 1         | XV42                | pH measurement    | Blue polypropylene | Glass pH          |                    |                                 |
| 1         | XPt1                | Redox measurement | Blue polypropylene | Platinum wire     |                    |                                 |
| 1         | XAg1                | Argentometry      | Blue polypropylene | Silver bar        |                    |                                 |
| 1         | XCP4                | Conductivity      | Blue polypropylene | 2 platinum plates |                    |                                 |
| 4         | BCP4                | Conductivity      | Glass              | 2 platinum plates |                    |                                 |
|           | BOT2                | Oxygen            | PVC                |                   |                    | KCl surfactant                  |
|           | BCO2                | Carbon dioxide    | PVC                |                   |                    | CO <sub>2</sub> buffer solution |

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