

# Lovibond® Water Testing Tintometer® Group



## SensoDirect 150 (Set 3) pH / Oxi / Temp.



- pH, Dissolved Oxygen, Temperature (°C/°F)
- All in one
- Large digital display
- Protective casing

Part Number: 724220

### Multiple parameters in one device

The SensoDirect 150 combines the applications of several handheld instruments in one instrument. It has been designed as a multi-purpose device for the determination of pH, redox, oxygen, conductivity and TDS.

### Intuitive user guidance

All measured values can be conveniently read on the large LCD display.

### Different parameter combinations possible

The combinations pH + Con + TDS + Oxi, pH + Con + TDS, pH + Oxi and pH + Redox are available. You have the choice.

### Industry

Industries Others | Marine Industry | Municipalities | NGO

### Application

Boiler Water | Cooling Water | Drinking Water Treatment | Pool Water-Control | Waste Water Treatment

### SensoDirect 150 (Set 3) pH / Oxi / Temp.

Multi-parameter handheld instrument for the determination of dissolved oxygen (O<sub>2</sub>), O<sub>2</sub> concentration, conductivity, TDS, pH and ORP.

### Measuring Range

| Test Name   | Measuring Range            |
|-------------|----------------------------|
| Oxygen      | 0 - 20 mg/L O <sub>2</sub> |
| pH          | 0 - 14                     |
| Temperature | 0 - 60 °C                  |

## Technical Data

|                              |   |
|------------------------------|---|
| <b>Display</b>               | Large LCD display with contrast adjustment  |
| <b>Auto – OFF</b>            | Yes   |
| <b>Power Supply</b>          | DC 1,5 V battery (UM3,AA)<br>DC 9 V adapter |
| <b>Portability</b>           | Portable                                    |
| <b>Protection Class</b>      | IP 51                                       |
| <b>Compliance</b>            | CE  |
| <b>Dimensions</b>            | 120 x 40 x 220 mm                           |
| <b>Weight</b>                | 625 g (unit incl. batteries)                |
| <b>Weight with Packaging</b> | (unit incl. batteries)                      |

## Delivery Scope

- instrument
- batteries
- pH electrode
- temperature probe
- Oxygen sensor
- pH buffer set 4,01/7,00
- electrolyte
- membrane heads
- instruction manual
- warranty Information
- in case

| Title   | Part Number |
|---|-------------|
| Micro batteries (AAA), set of 4   | 1950026     |
| Redox calibration solution, 470 mV, 100 ml  | 195070      |
| pH electrode, plastic/gel, type 226, without temperature sensor, BNC-plug                     | 721226      |
| pH electrode glass/gel, type 235, without temperature sensor, BNC-plug for SD 300 / SD 305 pH | 721235BNC   |
| Redox electrode, plastic/gel, BNC-plug, approx. 1 m cable                                     | 721242      |
| pH Buffer solution 4,01 (25 °C) red, 90 ml traceable to N.I.S.T                               | 721247      |
| pH-Buffer solution 7,00 (25 °C) yellow, 90 ml traceable to N.I.S.T.                           | 721248      |
| pH-Buffer solution 10,01 (25 °C) blue, 90 ml traceable to N.I.S.T.                            | 721249      |
| pH-Buffer solution Set pH 4, pH 7, pH 10 (25 °C), 90 ml                                       | 721250      |
| pH Buffer solution 4,01 (25 °C) red, 1 ltr.traceable to N.I.S.T                               | 721252      |
| pH-Buffer solution 7,00 (25 °C) yellow, 1 ltr. traceable to N.I.S.T.                          | 721254      |
| pH-Buffer solution 10,01 (25 °C) blue, 1 ltr. traceable to N.I.S.T                            | 721256      |
| pH-electrode, pH 0 – 14, plastic/gel type, BNC-plug   | 721330      |
| Calibration solution 1413 µS/cm, 500 ml, traceable to N.I.S.T                                 | 722250      |
| Conductivity cell, 1 m cable  | 724400      |
| Oxygen sensor, approx. 4 m cable  | 724410      |
| Temperature probe Pt1000, approx. 1.5 m cable   | 724420      |
| Spare membrane for oxygen sensor, 2 pc.   | 724460      |
| Spare electrolyte for oxygen sensor   | 724470      |
| Power supply SensoDirect  | 724540      |
| Case incl. foam for SensoDirect 150   | 725050      |
| 3 M KCl Storage Solution for pH/ORP, 25 ml  | 726402      |
| 3 M KCl Storage Solution for pH/ORP, 100 ml   | 726404      |
| Conductivity Solution (1413 µS/cm) - 90 ml - traceable to N.I.S.T.                            | 726654      |
| Conductivity Solution (12.88 mS/cm) - 90 ml - traceable to N.I.S.T.                           | 726684      |

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