

## EC850 Portable Conductivity Meter



### Main Features

- Equipped with the BPB 2301T-S conductivity electrode with integrated temperature measurement
- Silicone sleeve provides a secure, firm grip and protects against impacts
- Water- and dust-proof (IP57) for use in harsh environments
- Fold-out stand for comfortable indoor operation
- Fast and easy 1- to 3-point calibration
- Large backlit LCD simultaneously shows the conductivity value and temperature, plus additional measurement and calibration information
- Self-diagnosis assists with calibration and troubleshooting

## Technical Parameters

|              |                    |                                                                                                                                                                               |
|--------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conductivity | Measuring range    | 0 - 200 mS/cm;<br>(0,00 - 19,99) $\mu$ S/cm;<br>(20,0 - 199,9) $\mu$ S/cm;<br>(200 - 1,999) $\mu$ S/cm;<br>(2,00 - 19,99) mS/cm;<br>(20,0 - 199,9) mS/cm<br>TDS: 0 to 100 g/l |
|              | Resolution         | 0,01/0,1/1 $\mu$ S/cm, 0,01/0,1 mS/cm                                                                                                                                         |
|              | Accuracy           | $\pm 1,0$ % F.S ( $\pm 1$ digit)                                                                                                                                              |
|              | Temp.-Compensation | 0 to 50 °C (automatic)                                                                                                                                                        |
|              | Cell constant      | 0,1/ 1 /10 cm <sup>-1</sup>                                                                                                                                                   |
| Temperature  | Measuring range    | 0 to 100 °C                                                                                                                                                                   |
|              | Accuracy           | $\pm 0,5^{\circ}$ C ( $\pm 1$ digit)                                                                                                                                          |
| Other        | Power supply       | 3 $\times$ AA Batteries                                                                                                                                                       |
|              | IP rating          | IP57                                                                                                                                                                          |
|              | Dimensions         | 88 $\times$ 170 $\times$ 33 mm (with case 360 $\times$ 270 $\times$ 76 mm)                                                                                                    |
|              | Weight             | 313 g (with case 1,3 kg)                                                                                                                                                      |

## What's in the Kit

|                                                                              |        |
|------------------------------------------------------------------------------|--------|
| EC850 Conductivity Meter                                                     | 1      |
| 2301T-S conductivity electrode                                               | 1      |
| Standard solutions (84 $\mu$ S/cm; 1413 $\mu$ S/cm; 12,88 mS/cm), 50 ml each | 1 each |
| AA batteries                                                                 | 3      |
| Manual                                                                       | 1      |
| Screwdriver                                                                  | 1      |
| Carrying case                                                                | 1      |