

10290

EC 5000**Information**

The conductivity meter COMBI 5000 EC fulfills all demands of a reliable, easy-to-use instrument for all horticultural applications. The high quality sensor is made of platinum-plated electrodes. They feature a very fast response and are completely maintenance-free. The integrated temperature sensor provides an automatic and fast temperature compensation.

The instrument is calibrated before leaving the factory and a re-calibration is basically not required. The measuring range up to 200 mS even allows precise measurements of fertilizer stock solutions.

Applications:

- Pot plant production: control of nutrient solutions (fertilizer mixing systems), stock solutions
- Substrate production: salinity control of peat and cocopeat products
- Hydroponic systems, growing media like rockwool, etc.
- Laboratory use as universal EC-meter

Features:

- Easy-to-use: The automatic buffer recognition during calibration also ensures a high level of operating convenience and additional safety.
- Always ready to go: The unit is delivered in a sturdy aluminium case, with all accessories stored safely and within reach.
- Multilingual: Easy to understand menu is available in three languages: German, English and Russian.

Technical Specifications**Technical data:**

- Housing: splash-proof, rugged
- Connector: 8-pin-plug
- Power: > 4000 measurements, 9-Volt-battery
- Display: alphanumeric, reflective
- Dimensions: 180 × 83 × 55 mm

- Weight: 300 g
- Data logger function (optional): memory: ca. 2,620 measuring values / measuring rate: 1 min – 24 h

EC measurement

- Measuring range: 0 – 200 mS
- Resolution: 0.001 – 0.01 mS
- Accuracy: $\pm 2\%$ from measured value
- Calibration: 2-point with automatic recognition 1.41 mS and 111.8 mS
- Probe: plastic with platinum sensors
- Probe length: 125 mm
- Application: conductivity measurement in liquids, e.g. nutrient and stock solutions

Data logger function

- Measuring rate: 1 min – 24 h
- Memory: ca. 2,620 measuring values

Delivery contents

COMBI EC 5000 basic unit incl. data logger function, EC probe with platinum sensors, standard solutions 111.8 mS and 1.4 mS (50 ml each), volume measuring cup, 100 ml, manual with optimal values, certificate of calibration, transport and storage case.

Product number to order:

Item-No.: 10290 – COMBI EC 5000, complete case

Optional:

Item no.: 90079 – Connection cable 8-pin to USB