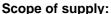## Conductivity meters, SevenExcellence S700 — Mettler-Toledo Online

Conductivity meters, SevenExcellenceä S700
Modular professional system for measurements of pH, redox potential, conductivity, salinity / TDS and ion concentration. Fits up to three modules in any composition and order, can be expanded with additional measurement parameters at any time.

-Large, high resolution 7'' colour touch display (capacitive), very clear and easy to operate
-Modularity and flexibility; up to 3 measuring modules can work in parallel, expansion to 2 or 3 channels possible
-Universal communication via 2 x USB, Ethernet (LAN) and RS232
-Plain text user interface in 10 languages with menu guidance in full sentences
-OneClickä operation concept to quickly start frequently used functions and preferred methods
-Storage for user methods
-Highest security and GxP support (ID protection, sophisticated user management, limits / alarms, integrated radio clock, etc.)
-Intelligent sensor management (ISM®)
-Connection of stirrer, sample changer, PC, barcode reader, keyboard, local or network printer possible
-Storage up to 20000 data sets (measurements, calibrations, methods)
-17 predefined, 60 user-defined methods
-Calibration: 13 pre-defined and 20 user-defined standards
-uPlaceä electrode arm with perfect vertical movement
-Compatible with all METTLER TOLEDO electrodes (Recommended: ISM® electrodes)

Scope of supply:
S700-Basic: Includes instrument, 1 x conductivity expansion unit, 2 x blank expansion units, uPlaceä electrode holder, semi-transparent cover, operating instructions, installation and quick guide, LabX® direct pH PC software, declaration of conformity, test certificate
S700-Kit: As S700-Basic, but also with InLab® 731-ISM, guide to conductivity measurements, 2 calibration sachets for 1413 µS/cm and 12.88 mS/cm
S700-Trace: As S700-Kit but with InLab® Trace instead of InLab® 731-ISM, with Flow-Cell, without calibration sachets
Specifications Measuring range // Resolution // Accuracy
Temperature MTC/ATC: -30.0 ¼ 130.0 °C // 0.1 °C // ± 0.1 °C
Conductivity: 0.001 ¼ 999999 µS/cm // 0.001 ¼ 1 // ± 0.5%
0.001 ¼ 2000 mS/cm // 0.001 ¼ 1 // ± 0.5%
0.001 ¼ 200 S/m // 0.0001 ¼ 1 // ± 0.5%
0.001 ¼ 200000 mS/m // 0.0001 ¼ 1 // ± 0.5%
0.1 to 999999 µS/m // 0.001 to 1 // ± 0.5%
TDS: 0.001 ¼ 1000 g/l // 0.001 ¼ 1 // ± 0.5%

0.001 ¼ 999999 mg/l // 0.001 ¼ 1 // ± 0.5%
Salinity: 0.01 ¼ 80000 mg/l // 0.01 ¼ 0.1 // ± 0.5%
Resistivity: 0.01 ¼ 100.0 MW x cm // 0.0001 ¼ 1 // ± 0.5%
0.01 ¼ 999999 W x cm // 0.01 ¼ 1 // ± 0.5%
Conductivity Ash: 0.000 ¼ 2022% // 0.001 ¼ 1 // ± 0.5%

Code	Description	Packaging
LLG09704354	Conductivity meters, SevenExcellence S700, Type S700-Basic	1 pz.
LLG09704355	Conductivity meters, SevenExcellence S700, Type S700-Kit	1 pz.
LLG09704356	Conductivity meters, SevenExcellence S700, Type S700-Trace	1 pz.

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