

Test kit

Tables for test kits, pH and conductivity tests

Application

ESOT testing kits are used for determining water hardness (overall, carbonate, p and m values), as well as for determining concentrations of free and bound ions in technical waters.

Conductivity meter is used for measuring the electrical conductivity of water, and a pH-meter is used for determining pH level of water.

| Product | Description |
|----------------------------------|--|
| ESOT-test A | Titration method for determining overall water hardness, ranging from 0-30 °dH (for 100 analyses with the average hardness level of 15 °dH). |
| ESOT-test B | Titration method for determining remaining hardness in soft water for values ranging from 0-2 °dH (for 100 analyses with average hardness level of 1 °dH). |
| ESOT-test C | Titration method for determining carbonate hardness or m-values with all natural and industrial waters, for values ranging from 0-20 °dH and 0-7 mmol/l (for 100 analyses with the average carbonate hardness level of 10 °dH). |
| ESOT-test CPM | Titration method for determining carbonate hardness, p- and m-values with all natural and industrial waters, for values ranging from 0-20 °dH and 0-7 mmol/l (for 100 analyses with the average carbonate hardness level of 10 °dH). |
| Hardness indicator-Durognost SRO | Flowing indicator for monitoring soft water, designed for values between 0,1 °dH=2 ppm CaCO ₃ and 0,05°dH=1 ppm CaCO ₃ (for 250 analyses). |
| ESOT-test Cl ₂ | Comparative colorimetric free and bound chlorine determination in concentrations of 0-1 mg/l Cl ₂ (DPD method, for 120 analyses). |
| ESOT-test Cl ⁻ | Comparative colorimetric chloride detection, in concentrations of 0-100 mg/l Cl ⁻ (for 40 analyses). |
| ESOT-test O ₂ | Titration method for determining O ₂ in surface waters in concentrations of 0-10 mg/l O ₂ (for 90 analyses with an average O ₂ contents of 7 mg/l O ₂). |
| ESOT-test Fe(II+III) | Comparative colorimetric detection of dissolved iron (2+,3+) in concentrations of 0-10 mg/l Fe (for 60 analyses). |
| ESOT-test SiO ₂ | Comparative colorimetric detection of dissolved SiO ₂ in concentrations of 0-10 mg/l SiO ₂ (for 100 analyses). |
| ESOT-test Hidrazine | Comparative colorimetric detection of dissolved hydrazine N ₂ H ₄ in concentrations of 0-1 mg/l N ₂ H ₄ (for 100 analyses). |
| ESOT-test Sulfite | Comparative colorimetric detection of SO ₃ ²⁻ in concentrations of 0-20 mg/l SO ₃ ²⁻ (for 150 analyses). |
| ESOT-test Phosphate | Comparative colorimetric detection of P ₂ O ₅ in concentrations of 0-10 mg/l P ₂ O ₅ (for 180 analyses). |
| Boiler water monitoring kit | Contains: Esot test A, Esot test B, Esot test CPM, Esot-test Phosphaet, Esot-test Sulfite, Electronic pH-meter pHep 3, Electronic conductivity meter DiST WP 4. |
| RO monitoring kit | Contains: Esot test A, Esot test B, Esot test C, Esot-test Fe (II+III), Esot-test SiO ₂ , Esot-test Cl ₂ , , Electronic pH-meter pHep 3, Electronic conductivity meter DiST WP 4.. |
| ESOT-test Cult-Dip combo | 10 two-sided mediums for bacteria, fungi, algae and mold cultures. Determines presence in 48 hours. Storage temperature: 15-25 °C. |

Table of pH-meters and conductivity meters

| Type of product | Description |
|---|---|
| Electronic pH-meter pHep 3 | Automatic temperature control, automatic calibration, waterproof, measuring, measuring range: 0,00 – 14,00 pH. |
| Electronic conductivity meter DiST WP 4 | Measures electrical conductivity of fully dissolved particles in water, temperature compensated, waterproof, measuring range: 0,00 – 19,99 µS/cm. |