

TQC Bresle Chloride test

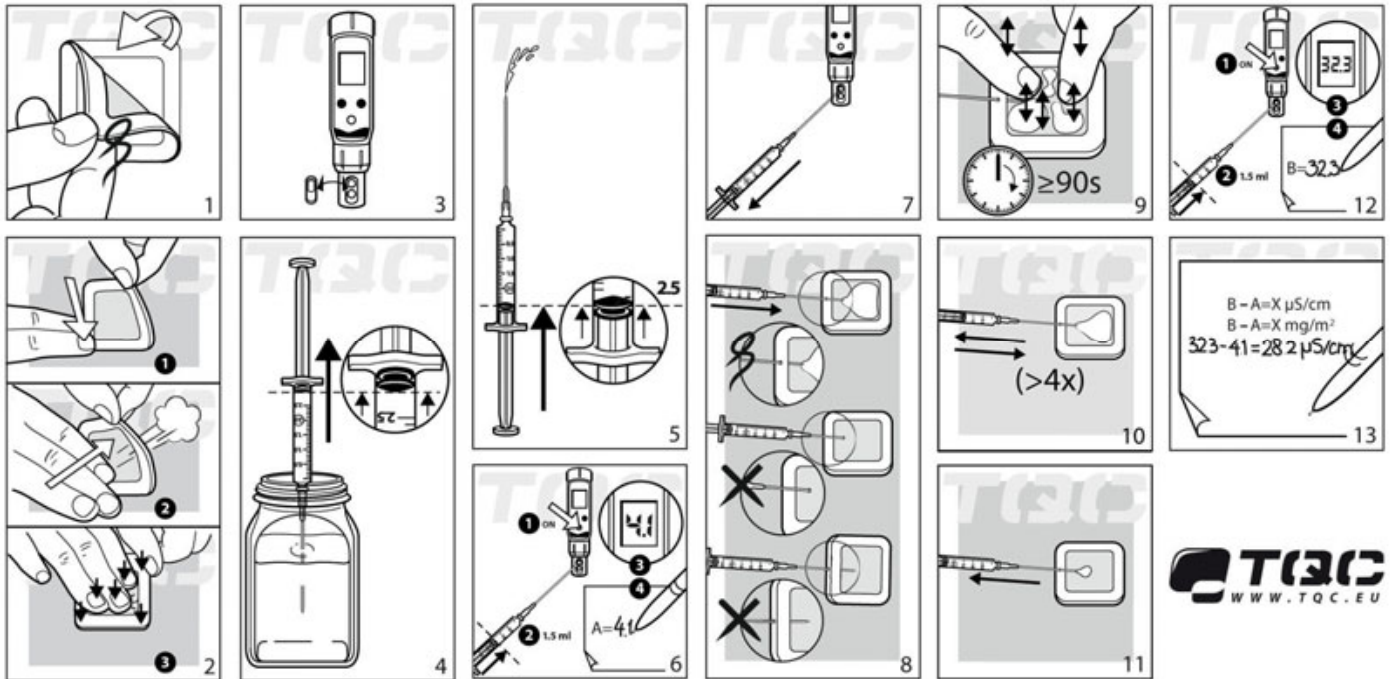
SP7310

MANUAL

See also : ISO8502-6
ISO8502-9

PREFERRED METHOD

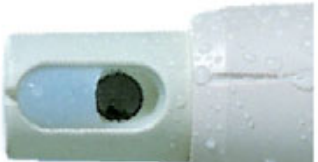
1 DETERMINATION OF SOLUBLE CONTAMINANTS ON SURFACES; DIRECT SAMPLE PROCEDURE



TQC
WWW.TQC.EU

1.1 PREPARATIONS

The high accuracy method is a special slightly adjusted method, based on the ISO method, but with full use of the capacities of the new conductivity meter. This increases the accuracy significantly. Just like with the ISO method, it's very important to keep all the material used for this test as clean as possible. NEVER touch the measuring cell, or the needle with bare hands.



Testr11+ Measuring Cell

- Determine the electrical conductivity of the water before use, of each test.
- Use the syringe to draw 2,5ml distilled water out of the large (500ml) bottle and spray this in the measuring cell of the Testr11+
- Turn on the Conductivity meter (check if it's calibrated), and wait a moment in order to allow the instrument to carry out the automatic temperature compensation. Once the reading stabilises, push the hold-button and read the measurement
- This is the Zero-Reference value of the conductivity of the water

Note this value immediately on the 'BRESLEKIT NOTEPAD'

- Empty the Measuring Cell

This method is the safest way to perform the Bresle test. All parts that may affect the measurements are included in determining the Zero-reference,

3.1 How to use

- Remove the grey protective cover (13) and turn on the meter (10)
- Calibrate the instrument (See Calibrations for more info)
- The instrument is now ready to use: Submerge the probe (11 / 12) in the solution to be tested.

The instrument is waterproof, but it's not meant to be left in the solution for a longer period than necessary.

- The left upper corner of the display (5) shows a timer (just under the battery indicator (2) Keep on stirring slowly until the 'timer' disappears.
- The shown value is the correct conductivity value. Push the hold button (8) once to freeze the display.

To save batteries the instrument turns off automatically after about 8 minutes

3.2 CALIBRATE AND TEST

- Before calibration place the meter with the probe for about half an hour in rinsing solution hi0808 and rinse with demiwater
- Make sure the meter is in measuring mode. Remove the battery cover (1)
- Place the gauge into the calibration standard solution
- Push one of the two white buttons (1)
- Place the instrument in the supplied calibration liquid. The instruments automatically recognizes the calibration standard
- Wait until the measurement is stabilized and the instruments indicates OK. The instruments now returns to the measuring mode automatically

3.3 MAINTENANCE

- Maintenance of the ECTestr11+ is minimal, because it's quite easy to perform a measurement. Nevertheless the technology inside the instrument is very advanced.
- Depending on the frequency of use, a thin film may occur on the probe. Use a damp cloth to remove this.
- After each use the instrument should be rinsed with tap water and demineralized liquid. Make sure the probe stays clean.
- As long as the instrument is being maintained as described above, calibration is necessary each six months.
- A blinking battery indicator (2) indicates the batteries need to be replaced. Open the battery compartment cover. Note polarity facing up and remove the old batteries by pulling plastic ribbon. Replace with fresh ones with the same polarity. facing up as the old ones..

