

QP459 Chloride Test Instructions

The QP459-FIRE Chloride test kit provides a quick and easy way to determine the level of Chloride on surfaces after a fire.

The result is displayed in Chloride ppm which can then be converted readily into a mg/cm² using our results spreadsheet.



Test Method:

1. Calibrate the meter according to the meter instructions or by video by scanning the QR Code:
2. Note Standards and ISAB should be the same temperature for the test.
3. Wear a pair of gloves (provided) to perform this test.
4. Syringe 20ml of Chloride ISAB solution into the clean and empty right hand beaker.
5. Place the Red Template over the test area
6. Lightly moisten the swab with deionised water (ISAB can also be used) and swab the test area.
7. Place the swab in the 20ml of ISAB in the right hand beaker and stir thoroughly to ensure the chloride is extracted.
8. Take 10ml of the extractant and place in the clean middle sample beaker.
9. Rinse the Chloride electrode in deionised water, dab with a tissue and place in the sample.
10. Press **READ** on the QP459-FIRE Meter and await for a stable result. Store or record.
11. Input the results into the Report Spreadsheet to convert to mg/cm² Chloride.

Scan the QR code for a video demonstration of the test.

*For improved accuracy you should run a blank. Repeat the above procedure with a blank unused swab and subtract the result from the sample concentration.

www.edt.co.uk/product/fire-damage-chloride-test-kit

