

DOs & DON'Ts of pHScan Tester

Eutech [pHScan](#) tester is a low-cost, exciting innovation for pH testing. It can do the work of hundreds of rolls of pH paper when cared for properly. Frequently a low cost, pocket-sized device will be abused because the user is not aware of its limits of application or durability. This is a problem common to many portable electronic devices. Keep in mind that the more careful the treatment, the longer the life of the pHScan tester. Here are some basic DOs and DON'Ts:

DO NOT:

DO NOT submerge, spray or otherwise waterlog your pHScan tester.

DO NOT immerse above the colored band.

DO NOT drop, hit, or cause physical shock to the tester, The electronic instrumentation and glass sensing bulbs are delicate.

DO NOT knock the glass bulb electrode or it will break.

DO NOT throw away the instruction sheet or protective box that comes with your pHScan tester, because there is useful information listed for reference purposes.

DO NOT leave your pHScan tester under hot sun, on your car's dashboard or near hot furnace as it may melt the housing.

DO NOT touch the glass bulb with your fingers as any electrostatic charges may affect the response.

DO:

DO calibrate your tester in fresh pH buffer solution at least once a week or at any time you suspect a problem with the readings. This is the surest way to check the operation of the pHScan. It is strongly recommended to perform at least 2-point calibration. For 1-point calibration, calibrate pHScan closest to the expected value being measured. For 2 or 3-point calibration, it is advisable to calibrate at pH 7 first before proceeding to calibrate at pH 4 or/and 10.

DO change the batteries if you cannot calibrate and/or if the reading fades. Low batteries are the pHScan's most common ailment.

DO store the pHScan tester with electrode storage solution soaked in a piece of sponge or cloth in the cap to prevent dehydration of the electrode and premature failure of the pHScan. This procedure helps to speed up the response time of the pHScan.

DO consult your distributor concerning applications involving harsh chemicals or solvents and viscous samples to determine the suitability of pHScan.