



YSI 55 DO INSTRUMENT FAQs

Why does my YSI 55 display “ER5” when it is first turned on?

When first turned on, as part of the polarization process, the probe consumes oxygen that is present under the membrane. This initial oxygen consumption causes, short-term, high probe current which can trigger an “ER5” indication on the display. This error is normal upon power-up, but should go away within 1 minute.

Can a BOD Probe be used with the YSI 55?

No. The YSI 55 was designed specifically for field-work. The YSI 5000, 5100, 52, and 58 will accept a BOD probe.

Can the YSI 55 be calibrated using the Winkler titration method?

No. The YSI 55 cannot be calibrated using the Winkler method because it will not allow for calibration in mg/L mode (does produce readings in mg/L). Instead, the YSI 55 utilizes a proven air-calibration method based on the local altitude.

Can the probe assembly be replaced if damaged?

Yes. YSI manufactures two types of YSI 55s.

The YSI 55D (“D” for detachable probe) version has a connector that allows for quick probe/cable replacement in the field. The YSI 55D has a connector one foot from the meter.

The probe assembly on the standard YSI 55 meter (without the external connector) can also be replaced. However, YSI suggests that you send the instrument to a YSI Authorized Service Center for this procedure. Non-detachable versions can be upgraded to detachable at YSI Service Centers.

Can the cable length be changed?

Yes. The probe cable assembly can be changed, however, for non-detachable versions, YSI recommends the instrument be sent to a YSI Authorized Service Center for this procedure. The probe cable lengths that are available are 12’, 25’ and 50’.

What is the warranty period for the YSI 55?

The instrument is warranted for two years from the date of purchase. The probe assembly is covered for one year.

Is there a service manual available for the YSI 55?

Yes. A service manual is available for the YSI 55. The part number is 055223. It can be ordered by contacting YSI Customer Service.

What membranes are used with the YSI 55?

YSI 5775 is the standard membrane kit recommended for the YSI 55. The YSI 5775 includes two packs of membranes (15 ea.) and one bottle of KCl electrolyte solution. These are “stretch” membranes, “screw-on” cap membranes are available for use on the YSI 95 and YSI 85 handheld meters.

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