

Analograph® Graphic Recorder

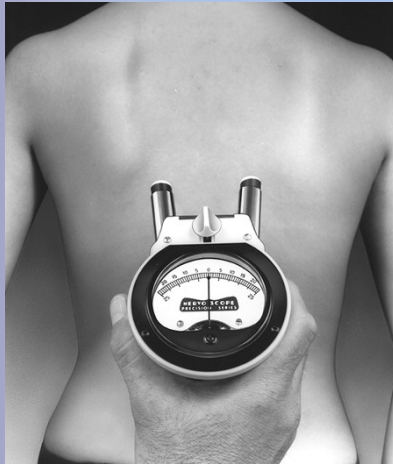


The optional Analograph® Graphic Recorder works in conjunction with the Nervo-Scope® to measure and record minute temperature differentials. Improve the accuracy of your patient assessment, call EDL, Inc. today for more information. Also inquire about our exclusive leasing program available for the Analograph® and Nervo-scope®.

Electronic Development Labs, Inc.

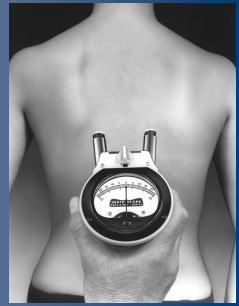
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Nervo-Scope®



Nervo-Scope®

ETS-6 & ETS-7



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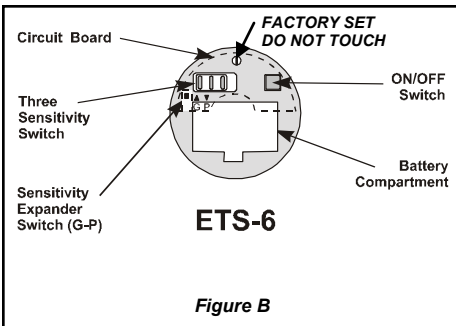


Figure B

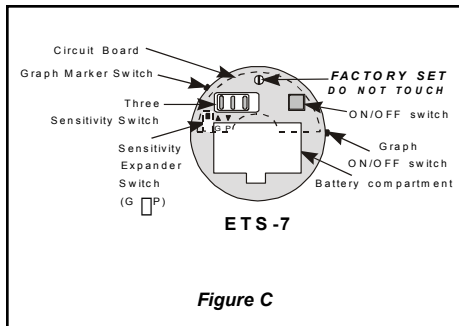


Figure C

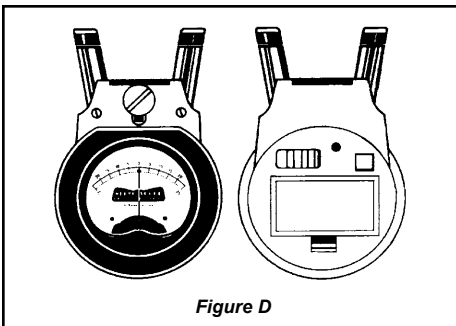


Figure D

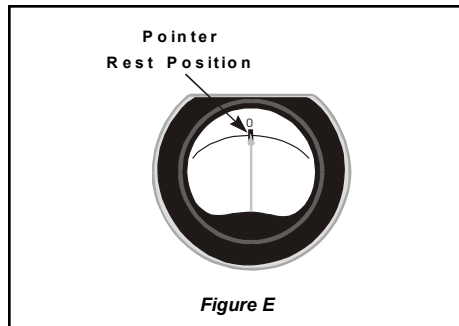


Figure E

Congratulations, you have purchased the finest and most reliable dual-probe temperature measuring instrument manufactured today. These instruments are designed to give you a lifetime of accurate, dependable operation.

Introduction

This instrument measures, compares and displays differential skin temperatures along a glide path.

Detector Arm Adjustment

The black plastic knob on the front of the meter, between the arms, is used to lock the detector arms in place. When adjustment is required, loosen the black plastic knob. The arms should move smoothly and easily. Carefully compress or expand the detector arms to the desired width and lock them in place by tightening the black plastic knob.

Note: You must move both detector arms in unison. If you move only one side, you may damage the internal spring and block assembly. Be careful and do not over-tighten the black plastic knob, but do make it tight enough so that the detector arms will not move while in use. Over-tightening the black plastic knob will damage your instrument.

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Sensitivity – ETS-6 & ETS-7

These instruments have six sensitivities. Both units have the sensitivity switch and a sensitivity expander switch (located in the battery compartment). The instruments are shipped with the expander switch in the “P” position. We recommend that you do your initial measurements in the “P” position with the sensitivity switch set to medium.

Operation

You should always check the your instrument before turning it on. Verify that the instrument needle is on “0” and that the Detector Arms are set and tight. These instruments are equipped with an automatic power off feature that turns them off after 3 minutes. You may push the power button at any time to keep instrument on.

Note: When using the instrument do not heat one detector more than the other. The detectors operate as a balanced pair and if one side is heated or cooled unevenly it can affect the accuracy of your readings.

Battery

These instruments require one 9-volt battery for operation (alkaline is recommended). This will yield an average of 3000 hours use. The battery is located under the battery cover in the battery compartment. When replacing the battery be careful not to pull on the battery leads.

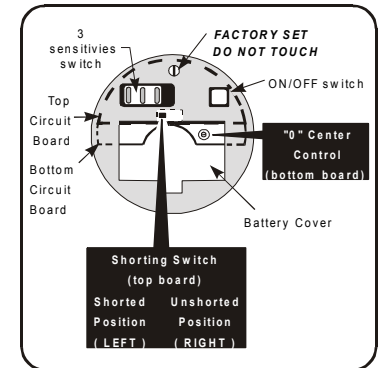
Zero Setting

This procedure should only be done if you feel that there is a problem with your instrument. In almost all cases the actual meter zero does not shift, it usually indicates that one detector is hotter than the other. It is recommended to contact an experienced technician if you feel your instrument is in need of adjustment.

Procedure

Open the battery cover, remove battery but do not disconnect. Place the shorting switch in the shorted position and set the sensitivity switch to high. Turn on the instrument and look at the needle (pointer). If it is reading “0”, the instrument is zeroed. If the needle does not indicate “0”, an adjustment is required.

Use a small screwdriver in the “0” center control slot and very slowly, and carefully, turn the control either left or right to reset the meter to “0”. This must be done with the meter upright so you can monitor the scale and needle. Once adjustment is done, you must return the shorting switch to the unshorted position or the instrument will not function. Replace the battery and battery cover. If the instrument does not indicate a reading of “0” it is due to one detector being hotter than the other.



Cleaning

In order to comply with current OSHA, FDA 510 (K), and EPA regulations, these instruments must be cleaned between patients. The brand “Sporicidin” disinfectants have been chosen due to the range of products offered and ratings they have achieved. Pump one or two sprays on the brush applicator and brush the detector tip 3 to 5 times, repeat for the other detector. Let the detector tips dry for 3 to 5 minutes. To clean the instrument housing use a “Sporicidin” disinfectant towelette or pump two sprays on a paper towel and wipe the housing. Do not apply directly on the instrument. Liquid may seep into the instrument and adversely affect the circuitry.

Note: Other disinfectants on the market do not have the ratings of “Sporicidin” and the use of these other disinfectants, especially ones that contain quats or idophors, will damage your instrument and void your warranty.



Special Features

The ETS-7 is a fully functional handheld Nervo-Scope® instrument that can be used with or without the Analagraph® Recorder. With the optional Analagraph® Recorder, all you have to do is plug in the ETS-7 and you are ready to record. The two buttons on the barrel of the ETS-7 are for controlling the Analagraph® (Fig.C). Refer to the Analagraph® operation guide for complete operating instructions.