



OPERATION PROCEDURES FOR THE HBT SLEUTH

1. Turn the instrument on. The instrument will perform a self-calibration test every time it is turned on. The numbers will start out very high and it will take up to 5 minutes to calibrate. When the instrument is done calibrating, the LED display will read between +/-005 depending on the amount of hydrogen in the ambient air within the office.
2. Do not take off the back of the instrument and try to re-calibrate the instrument yourself. The instrument has been calibrated at our manufacturing facility and does not need any adjustment.
3. Do **not** remove the white vapor filter in the hole on the instrument.
4. Put the black t-valve on the instrument and the black one-way valve on the smaller end of the t-valve. Insert the white cardboard mouthpiece inside the larger end of the black t-valve. It will fit loosely and not tight inside the t-valve.
5. Patient takes a deep breath, holds it for 5 seconds and blows slowly into the mouthpiece. Patient should exhale all of their breath into the mouthpiece.
6. Record the highest number that the instrument reads after the patient has finished the breath.
7. If the base line of the instrument reads (for example) +002 when the instrument is finished calibrating in step 1, subtract 002 from the patients reading. If the instrument reads -002 when the instrument is finished calibrating in step 1, add 002 to the patients reading.

CLEANING INSTRUCTIONS

- Do not clean the instrument. The vapor of any cleaner will shorten the sensor life of the instrument.
- Clean black t-piece and the black one-way valve at the end of the day with warm soapy water, rinse, and air dry for the next day use. Use clean t-piece and one-way valve for each patient.
- Order a bag of black t-pieces and black one-way valves every time you order 500 mouthpieces.

If you have any questions about the procedures, please call us at 913-475-2985.

12702 Cherokee Lane • Leawood, KS 66209
Phone: 913-475-2985 • ddahl@kc.rr.com
www.testbreath.com