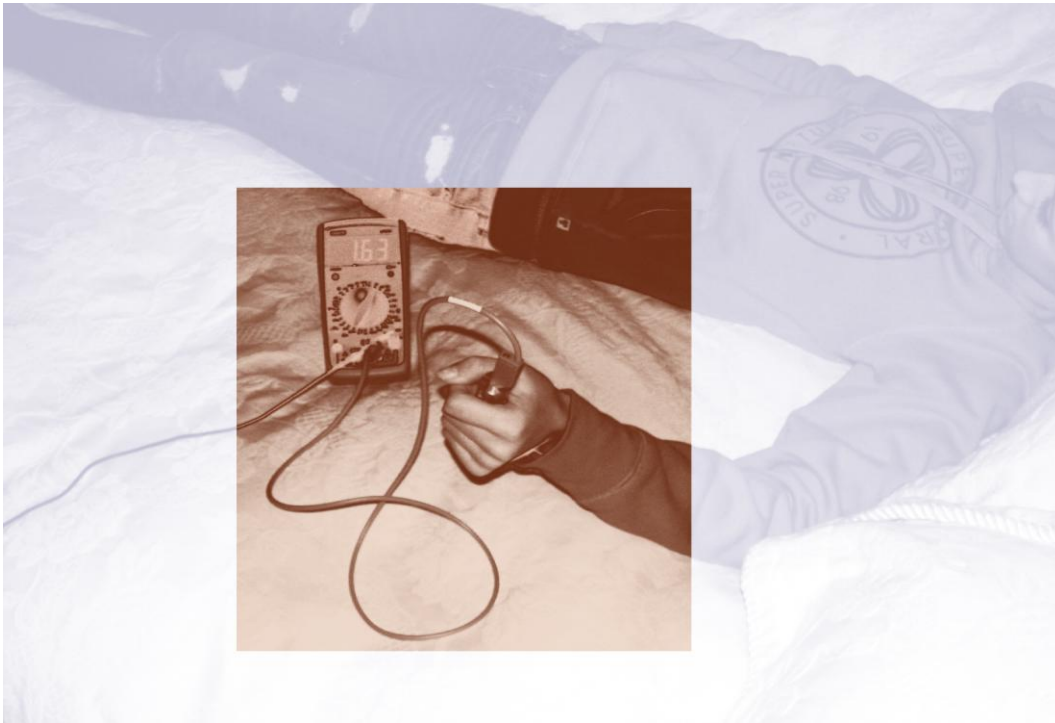


Body Voltage Home Test Kit



For precise measurements of the body voltage according to International Guidelines for Sleeping Areas Bau-Biologie (SBM 2008)¹

Measures the amount of AC voltage attached to the human body from the following:

- Electrical wires hidden in the ceilings, walls and floors
- Overhead power lines
- Power outlets
- Extension cords
- Power bars
- Appliance power cables etc...

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- IBN, Holzham 25 D-83115 Neubeuern Tel:08035-2039 Fax:08035-8164 www.baubiologie-ibn.de <http://www.baubiologie-ibn.de/>

Contents of Kit



- 1 Basic Body Voltage Meter including a 9V Alkaline Battery
- 2 Test Lead 39 inch / 1 Meter - Red – For Hand Probe (4mm banana)
- 3 Test Lead 20 foot / 6.1 Meter - Black – For Ground Wire (4mm banana)
- 4 Hand Probe - 4 inch - Polished Solid Brass
- 5 Ground Plug – For Grounding to a 120 VAC Electrical Outlet
- 6 Ground Clamp – For Grounding to a Water Pipe
- 7 Ground Clip – Alligator Clip to assist with Grounding (4mm banana)
- 8 Outlet Tester
- 9 Hard Plastic Carrying Case

International Guidelines for Sleeping Areas Bau-Biologie (SBM 2008)¹

Bau-Biologie (SBM 2008)		no anomaly	weak anomaly	strong anomaly	extreme anomaly	
Body voltage	in millivolts	mV	< 10	10 – 100	100 – 1000	> 1000

Understanding the Measurements



Range = 2 Volt
1.998 Volts = 1998 mV



Range = 2 Volt
0.021 Volts = 21 mV



Range = 2 Volt
Value is too high for Range
Switch to 20 Volt Range



Range = 20 Volt
2.93 Volts = 2930 mV

Body Voltage Measurement Instruction

Assembly of Equipment

- Connect one end of the red wire to the jack of the Body Voltage Meter labeled “ $V\Omega$ ” and the other end to the Brass Hand Probe
- Connect one end of the black wire to the jack of the Body Voltage Meter labeled “COM” and clip the other end to the Electrical Ground (Figure 1A, 1C) or the Water Pipe Clamp via the Alligator clip (Figure 2A, 2B) - See below

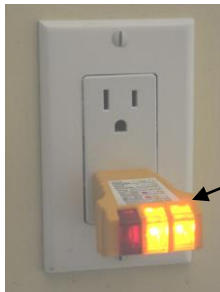
Caution! Test Outlet Before Inserting Ground Plug Into The AC Electrical Outlet.

Outlet Ground Assembly (1)



Fig. 1A

**Caution: Test Outlet to Verify Correct Wiring
Do Not Proceed Unless Outlet is Verified**



2 lights Indicates
Correct Wiring
Configuration

Fig. 1B



Insert
Into
Outlet

Fig. 1C

Water Pipe Clamp Assembly (2)



Fig. 2A



Clamp

Clip

Fig. 2B

Note: Either of these grounding points may have a small voltage on them which can cause deviations in the actual readings. As an additional option, a Ground Rod can be used. This rod is physically inserted into moist soil outside of the home and provides a direct connection to the earth. The best ground reference point is the one that yields the highest reading.

Conditions for Sleeping Area Measuring

- Plug in all power cords from devices, appliances or extension cords that are normally connected to outlets in the area of measurement (Including rooms beside, above and below area of investigation)
- Persons in the immediate area can influence the measurement. Others should keep a minimum distance of 5 feet
- The person to be measured should not have direct contact to the black grounding wire, the Body Voltage Meter or any other connection to ground
- The measurement is “position-sensitive” and will vary from place to place and with the position of the measurement subject

Configuring the Body Voltage Meter Meter Configuration

- Rotate the Function Selection Dial to the **20** Volts AC Range (V~)
- Press in the **orange** “Power” button to turn on the Body Voltage Meter
- Ensure the **blue** “Hold” measurement button is in the outward position
- If the value is below 2.0 volts, switch to the more sensitive measurement range **2** (V~)

Measuring Procedure

- Ensure the equipment is assembled correctly and connected to a proper ground
- Ensure the conditions for proper measuring are met
- Ensure the Body Voltage Meter is configured correctly and the proper function and range is selected
- The person to be measured sits or lies in the position where the body voltage is to be measured
- The person should grip the hand probe tightly in one hand and remain still
- Record the body voltage measurements for future evaluation

Techniques for Reducing Body Voltage

- Begin with unplugging power cords from devices, appliances or extension cords that are normally connected to outlets in the area of measurement, including rooms beside, above and below area of investigation
- If there is still a significant body voltage reading then the source is from the electrical wiring in the walls, ceiling and floors or power lines external to the building
- Temporarily shut off branch circuit breakers that supply power to the room under investigation, including rooms beside, above and below area of investigation

Caution! If affected circuits are critical and power a refrigerator, furnace, septic pump, life support systems, smoke or carbon monoxide detectors and so on, do not turn them off!

If the branch circuit is non-critical, one can simply turn it off via the circuit breaker or have a [Demand Switch](#) or a [Remote Cut Off Switch](#) installed on the circuit. Please consult with a licensed electrician for proper installation.

For a digital copy of this manual please visit our website at:
<http://slt.co/Products/BodyVoltageKits/HomeTestKit.aspx>
Under the downloads tab.

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