



■ **Portable Smart TSTLP® ESE Tester**

❖ **INTRODUCTION:** Portable Smart TSTLP® ESE tester is designed to check that the main functions of the upgraded TSTLP® ESE lightning rods are working properly and that none of the vital components is damaged (Results are given by both **Green/Red light** and **ringing WARNING signal**).

❖ **INTERFACE ILLUSTRATION & SIZE**

Product Photo (FRONT)		Product Photo (SIDE)	
Product Size: 130 mm*95 mm*53 mm			
FRONT Interface		SIDE Interface	
TEST	Test Button	P	Power Indication Lamp
		T	Test Indication Lamp
		UP-OK	Upper Electrode Indication Lamp
			OK Indication Lamp
		LOW-OK	Lower Electrode Indication Lamp
			OK Indication Lamp
		DEF	Faulty Indication Lamp
		SWITCH	Power Switch Button
		CHARGE	Power Recharge Terminal
		Output +	+5VDC Power Output
		Output -	-5VDC Power Output

❖ **HOW TO TEST**

Below test, make sure making correct connection:

- 1: Connecting the tester with Power by the Power adapter (110V/220V/230V - 9V) or with 9V Portable Power Source(**No need connection to the power if after charging (full)---Portable**).
- 2: Insert the alligator clips into **OUTPUT** terminals (+/- could be exchanged)
- 3: Clamp the **one alligator** to the central rod of the TSTLP® ESE terminal

✓ **LOW ELECTRODES TEST:**

After above **1,2,3** connection, clamp **THE OTHER ALLIGATOR** to **one** of the lower electrodes of the TSTLP® ESE terminal, press button **SWITCH**, Power Indication Lamp's on, press **T**, it's working OK if **T & LOW-OK** indication lamps' on,which makes long-voice. It's faulty if **DEF** indication lamp's on,which makes several short-noise. Repeat same operation steps to rest lower electrodes till finished.

✓ **UPPER ELECTRODES TEST:**

After above **1,2,3** connection, clamp **THE OTHER ALLIGATOR** to **one** of the upper electrodes of the TSTLP® ESE terminal, press **T**, it's working OK if **T & UP-OK** indication lamps' on,which makes long-voice. It's faulty if **DEF** indication lamp's on,which makes several short-noise. Repeat same operation steps to rest upper electrodes till finished.

❖ **TEST PHOTOS FOR REFERENCE:**

