



**Manual**  
  
for  
  
**SCHERMER**  
  
**test resistor TW-2**



## Manual for SCHERMER test resistor TW-2

**Read carefully and understand completely before use!**

### 1. Putting into operation

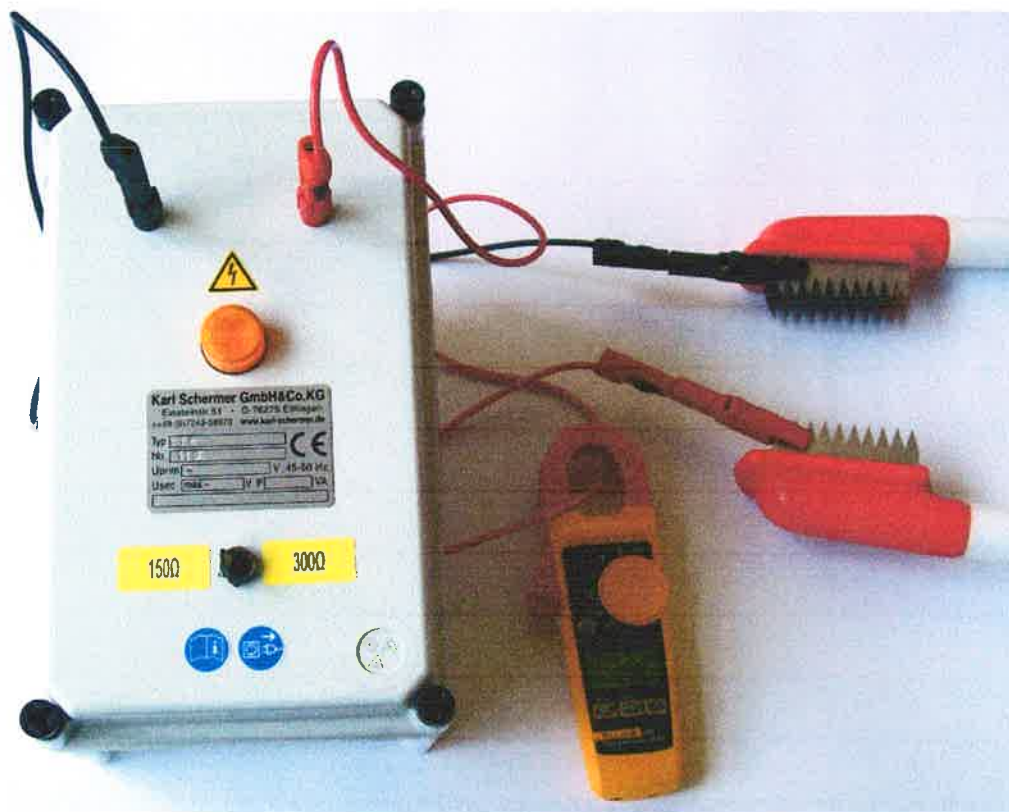
Connect both measuring cables with the electrodes of the stunning tongs. Plug in black measuring cable into the black test jack. Lay clamp meter around the red measuring cable and choose the measuring value according point 3. or 4. Switch on the stunning transformer.

### 2. Measuring procedure

**Attention:** As soon as both measuring cables are connected to the test resistor the **stunning tension** is applied to the electrodes and the **stunning current** is flowing. The electrodes may **only** have contact to the measuring cables – **avoid any physical contact**.

Plug in red measuring cable into red test jack. The orange signal light flashes, the stunning tension is applied to both electrodes and the stunning current is flowing.

The data logging starts, the values are shown in the display.



### **Regard:**

Execute only two measuring procedures of maximum 15 seconds or one of maximum 30 seconds per minute.

The test resistor has to cool down after a use of max. 15 minutes for approx. 15 minutes to avoid overstress.

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**Attention:** Before putting into operation the clamp meter read carefully the manual of the clamp meter and obey the warning notices and operation instructions.

### 3. Measuring of the stunning current

Put monitoring switch of clamp meter on position "A". Choose by means of push-button AC/DC A AC (display top right). The red measuring cable must be pulled at the end of the measuring procedure to stop it.



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### 4. Measuring of current frequency

Put monitoring switch of clamp meter on position “Hz”. The red measuring cable must be pulled at the end of the measuring procedure to stop it.



### 5. Switch 150/300 Ohm

A resistor of 150 or 300 Ohm can be chosen by means of the switch. This allows a simulation of an undercut of the minimum stunning current, e.g. 1.3 A.