

QUESTIONS & ANSWERS ABOUT BASIC FUNCTIONS OF THE optibelt TT LINE



1. How do I turn on the Tester?

Push the red button on top of the tester 1 second. The display illuminates.

2. Why does the tester not turn on? Do I have to charge the battery first?

The tester requires the measuring head to be attached to turn on. A new tester will come with a full charge and show a full green area on the battery symbol on the display.

It is only necessary to charge the battery when the red battery symbol is flashing or the battery is empty and the screen is black.

3. The frequency mode and range is shown in a frame on the top of the display.

How do I change from “EM: 6–600 Hz” to “AC: 1–16 Hz”?

The frequency mode and range is automatically calibrated when the measuring head is changed.

4. Why does the display turn black after 30 seconds and the last shown measuring result?

The device enters STAND BY mode to save energy. To turn on the display simply move the device. After 5 minutes of no movement, the device changes to AUTO OFF.

Note: If the red button is pressed all prior measurements will be cleared.

Note: Switch off the device while using rolling tool boxes. Press the red button 2 seconds.

5. Does the tester use the red lights for measurement in EM mode?

No, the tester uses invisible electromagnetic (EM) waves for measurement.

6. What are the red lights used for in EM mode?

The red lights are used as a visual guide to position the tester properly over the belt. The two dots should be touching when the distance between the measuring head to the belt is 40–65 mm.

7. Why do the red lights turn off sometimes?

The red lights will turn off when too much movement is detected.

The display shows “Rapid move”.

Hold the tester still and the display will show “Ready”.

8. The space over the belt is only 30 mm. Is this enough for measurement?

Yes. The minimum distance for an accurate reading is 10 mm. (The height of the measuring head is 20 mm.)

Note: As a spacing aid for large or small distances, do not use the red points of light but use the target crosses and/or the “belt” symbols at the sides instead.

9. Why do the measurements sometimes show a large variation in EM mode? The position of the measuring head is good.

Your finger may be interfering with the measurement. Pluck the belt with your finger to the side of the measuring head.

Note: For longer belts, smaller “plucking” is needed for an accurate reading.

10. How do you charge the battery? Can the battery be replaced?

Use the included USB charger and wall socket attachment.

Note: When fully charged the red status indicator will turn off after 3 hours.

Yes the battery can be replaced.

Note: The battery can be charged over 1000 times.

11. How many measurements can I take on a fully charged battery?

The tester can take over 300 measurements before the battery needs to be recharged.