UT5000 – FREQUENTLY ASKED QUESTIONS

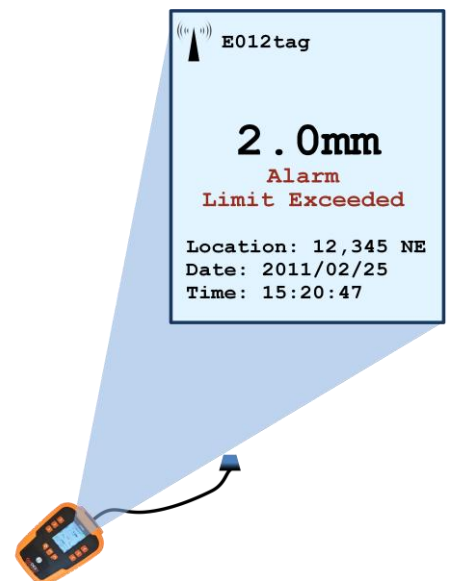## Q: How do you take a simple material thickness measurement with the UT5000?

Answer:

1. Ensure your UT5000 is powered on.
2. Press velocity key **[VEL]**
3. Using arrow keys select required material veloc... pre-loaded list **[SEL]**
4. Press Frequency key **[FREQ]**
5. Highlight 'single shot' from list using arrow key... select key **[SEL]**
6. Apply couplant gel to material surface.
7. Place probe against material surface.
8. Press measure **[MEAS]**
9. To save measurement for later use press save key **[SAVE]**

Q: How do I manually set the low alarm function for a particular location?
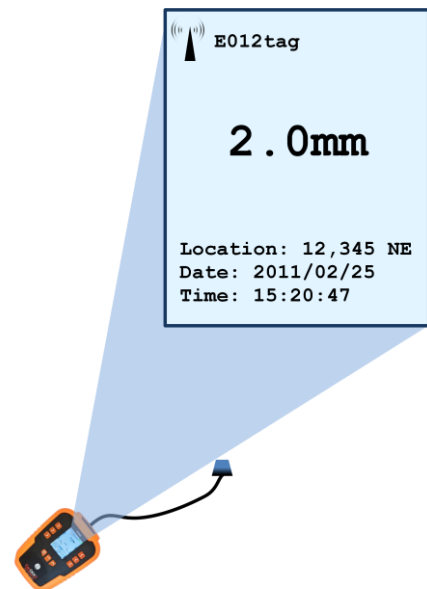
Answer:

1. Ensure your UT5000 is powered on.
2. Place UT5000 within range of RFID Tag.
3. Press the RFID scan key **[SCAN].**
4. Press alarm key **[ALARM].**
5. Highlight 'set low alarm' from list using arrow keys, then press select key **[SEL].**
6. Enter required minimum material thickness using arrows, pressing select key **[SEL]** after each digit.
7. When required thickness is entered scroll to 'accept' and press select key **[SEL].**
8. Press escape key **[ESC]** to return to front screen.

Q: How do I change the alias name for a particular RFID tag?

Answer:

1. Ensure your UT5000 is powered on.
2. Place UT5000 within range of RFID Tag.
3. Press the RFID scan key **[SCAN]**
4. Press setup key **[SETUP]**
5. Highlight 'tag setup' from the list using arrow keys, then press select key **[SEL]**
6. Highlight 'edit tag alias' from the list using arrow keys, then press select key **[SEL]**
7. Highlight 'del' from the list using arrow keys, then press select key **[SEL]** until previous alias is removed.
9. Enter required tag alias using arrow keys, pressing select key **[SEL]** after each digit.
10. When required name is entered scroll to 'accept' and press select key **[SEL]**

Q: How do I calibrate my UT5000 after detaching/re-attaching the probe?

Answer:

1. Ensure your probe lead is connected to your UT5000.
2. Power on your UT5000.
3. Press the setup key **[SETUP]**
4. Highlight 'transducer setup' from the list using arrow keys, then press select key **[SEL]**
5. Highlight 'probe zero built in' from the list using arrow keys, then press select key **[SEL]**
6. Apply couplant gel to calibration disc situated on front face of UT5000.
7. Place probe firmly against calibration disc.
8. Press select **[SEL]**

Q: How do I manually enter material velocity data?

Answer:

1. Ensure your UT5000 is powered on.
2. Press the setup key **[SETUP]**
3. Highlight 'material velocity' from the list using arrow keys, then press select key **[SEL]**
4. Highlight 'material user defined' from the list using arrow keys, then press select key **[SEL]**
5. Highlight 'UD material text' from the list using arrow keys, then press select key **[SEL]**
6. Enter required material name using arrow keys, pressing select key **[SEL]** after each digit.
7. When required name is entered scroll to 'accept' and press select key **[SEL]**
8. Highlight 'UD material velocity' from the list using arrow keys, then press select key **[SEL]**
9. Enter required material velocity using arrow keys, pressing select key **[SEL]** after each digit.
10. When required velocity is entered scroll to 'accept' and press select key **[SEL]**
11. Press escape key **[ESC]** to return to front screen.