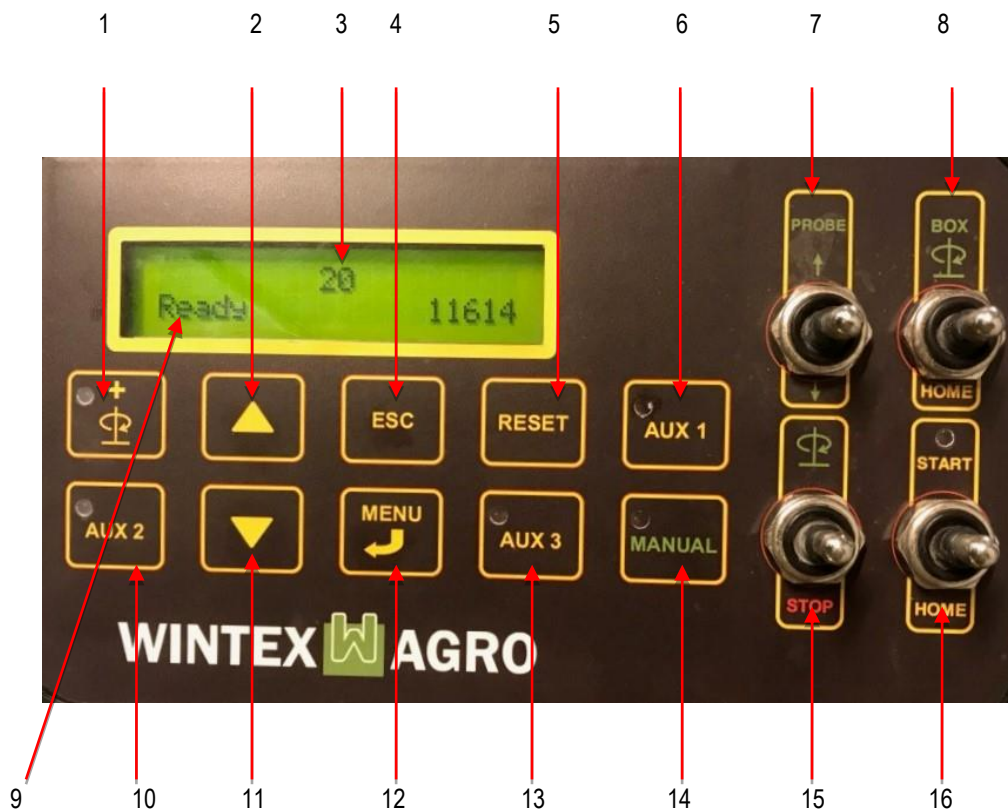


1. DESCRIPTION OF WINTEX CONTROL SYSTEM FOR THE WINTEX 1000



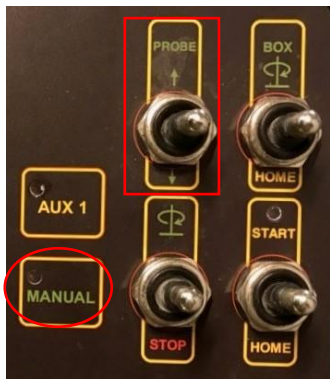
- | | |
|---------------------------------|-----------------------------|
| 1: Extra rotation / no rotation | 9: Operation mode |
| 2: Up / plus | 10: Not in use |
| 3: Preset depth | 11: Down / minus |
| 4: Escape | 12: Menu / ENTER |
| 5: Reset | 13: Not in use |
| 6: Not in use | 14: Enable manual functions |
| 7: Probe up / down | 15: Rotation + STOP |
| 8: Not in use | 16: START + HOME |



2. CONNECTION AND STARTUP

Connect all plugs and cables of the control system according to the mounting manual.

At the first startup of the Wintex 1000 after mounting the control system, take place on the driver's seat. Press "**MANUAL**" key and flip the "**PROBE**" switch **downwards** until the probe reaches the ground.



Go to the test menu by pressing the "**MENU**" key. The screen will now show "Setup Menu". Press the arrow down key, and the "Test Menu" will appear. You can now read the current depth (e. g. 52 cm) of the soil sampler. You need to remember this value for the next step.



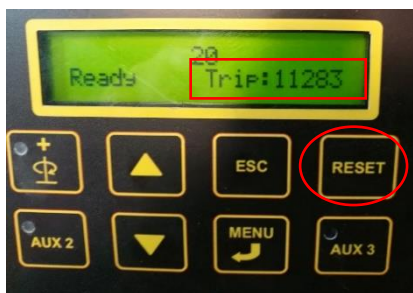
Press the **arrow down** and the "**MENU**" key simultaneously until the display shows "**code**". Use the arrow keys to select "**17**" and press "**MENU**". You have now entered the "Setup Menu". Scroll down to "**Offset**" and select the current depth from the previous step (e. g. 52 cm). The soil sampler is now ready to use.



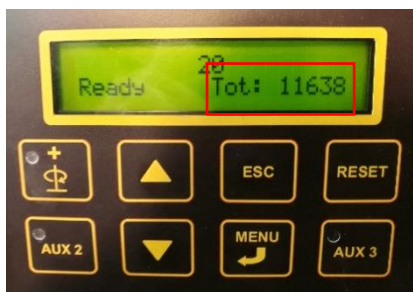
3. START SCREEN

Under normal use the display will show the current depth at the top line. The next line shows the operation mode of the soil sampler / what the soil sampler is currently doing - "probe up", "probe down", "rotation" or "ready" when the sampling process has ended.

There is a counter at the bottom on the right which counts the number of sticks in each sample. The counter can be reset to 0 by pressing "RESET". You can get access to this function from the start screen, and then press the arrow down key.



You can also see the total amount of sticks taken. This value cannot be reset.



4. SETTINGS: DEPTH ADJUSTMENT, NUMBER OF SAMPLES

In the "Setup Menu" you can preset and adjust a number of settings.

Press "MENU". The display will now show "Setup Menu"

Press "MENU" to adjust the depth and / or the number of sticks for each sample.

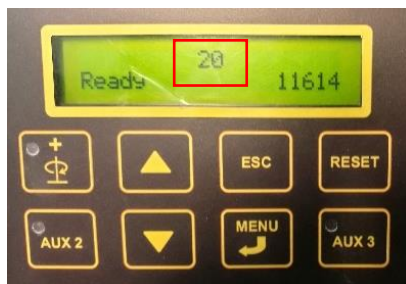
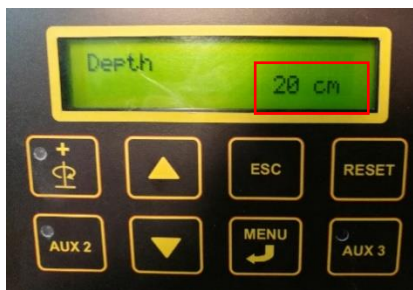
You can *shift* between settings by using the arrow up and arrow down keys.

The settings can be *adjusted* by holding the "MENU" key down until the number of the display flashes. Then adjust the figure by using the arrow up or the arrow down keys. When you have entered the preferred number, press "MENU" (enter) again, and the setting is saved.



Adjusting the depth

Go to the **“Setup Menu”**. Scroll down until the **“Depth”** appears on the display. Adjust the depth by using the **arrow up and down keys**. Once the correct depth is set, press **“MENU”**. The setting is now saved and will appear on the start screen.



Number of samples

Go to the **“Setup Menu”**. Scroll down until the **“Samples per box”** appears on the display. “Samples per box” is the number of sticks you need for each sample. Determine the number of sticks for each sample by using the arrow keys (arrow up for rising the numbers, arrow down for lowering the numbers).

When the soil sampler has taken the entered number of sticks, it will not take another sample before you press **“RESET”** for a few seconds. By entering the number 99, you can disable this function, and the soil sampler will sample indefinitely.



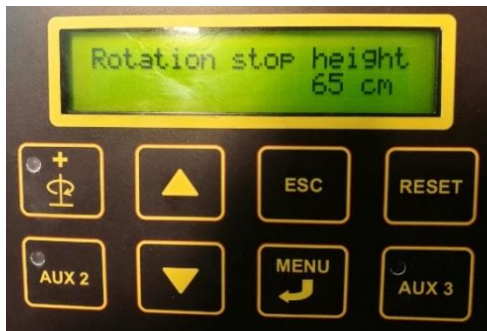
5. ROTATION

Rotation stop

To make sure that the probe stops at the correct angle every time, you need to adjust the **“Rotation stop height”**. This is the point where the soil sampler gets the signal to stop rotation to make sure that the probe is in the right position before it reaches the soil box. This setting will differ according to the soil sampler, the hydraulics and the soil conditions.

Go to the **“Setup Menu”**. Scroll down to **“Rotation stop height”** and adjust the number with the arrow keys.





Rotation mode

The standard setting of the soil sampler is that the probe goes down, rotates once and then goes up again. If you press the key with the rotation symbol, the LED of the key will light up. The probe will now carry out an extra rotation before going up. If you hold the key with the rotation symbol down for five seconds, the LED will blink slowly, and the probe will not carry out an extra rotation.



6. MANUAL USE OF THE SOIL SAMPLER

If you press the "MANUAL" key with the green letters, you can access all functions in green letters at the flip switches ("probe up", "probe down" and "rotation") manually.



7. TAKE THE SAMPLE

When all values are set, stay clear of the soil sampler and flip the “**START / HOME**” switch towards “**START**”. The soil sampler will now take a complete soil sample.

Stop the soil sampler

If the soil sampler should fail to go down to the determined depth, or if you should encounter a problem during sampling, you can either activate the emergency stop, or you can flip any of the switches on the control unit to stop the soil sampler. When flipping the “**START / HOME**” switch to “**HOME**”, the soil sampler will return into the start position.

8. TEST MENU

By entering the test menu, you can see the current

- power supply
- depth of the probe,

and you can also monitor and see the control system's

- keys
- flip switches
- LEDs

Enter the test menu by pressing the “**MENU**” key. The screen will now show “Set up Menu”. Press the arrow down key, and the “Test Menu” will appear.



Press “**MENU**” again, and you will now have access to the above-mentioned content.



Current power supply, pressure and depth



Monitor keys



Monitor switches



Monitor LEDs

The next lines show the inputs and outputs. In the event of an issue, your local dealer might need this information to trouble shoot.

