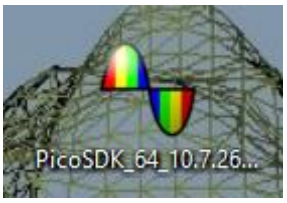
Software install

Stone Age / new version

First step: this software must be installed first, install on your devices (Windows):

https://www.dropbox.com/t/puLCE0kAhQ2smicD

this Pico software must be installed second (on Windows systems)

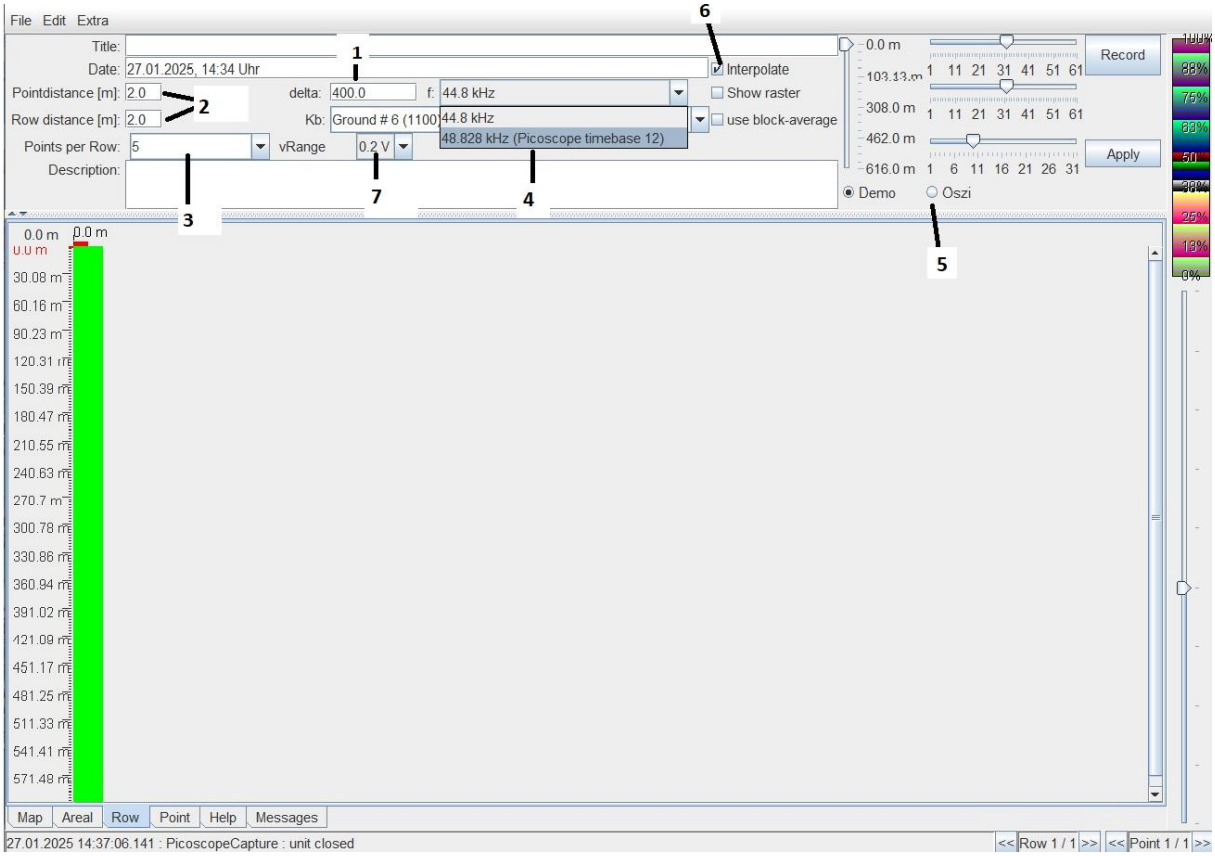


https://www.dropbox.com/t/PM9CvUEaMO9d94a0

this is the last software to install (on all Windows systems):

https://www.dropbox.com/t/jP0rlh216kZAJ2FU

1: Settings Software



1. delta 400

2. Point distance: 2m

2 Row distance: 2m

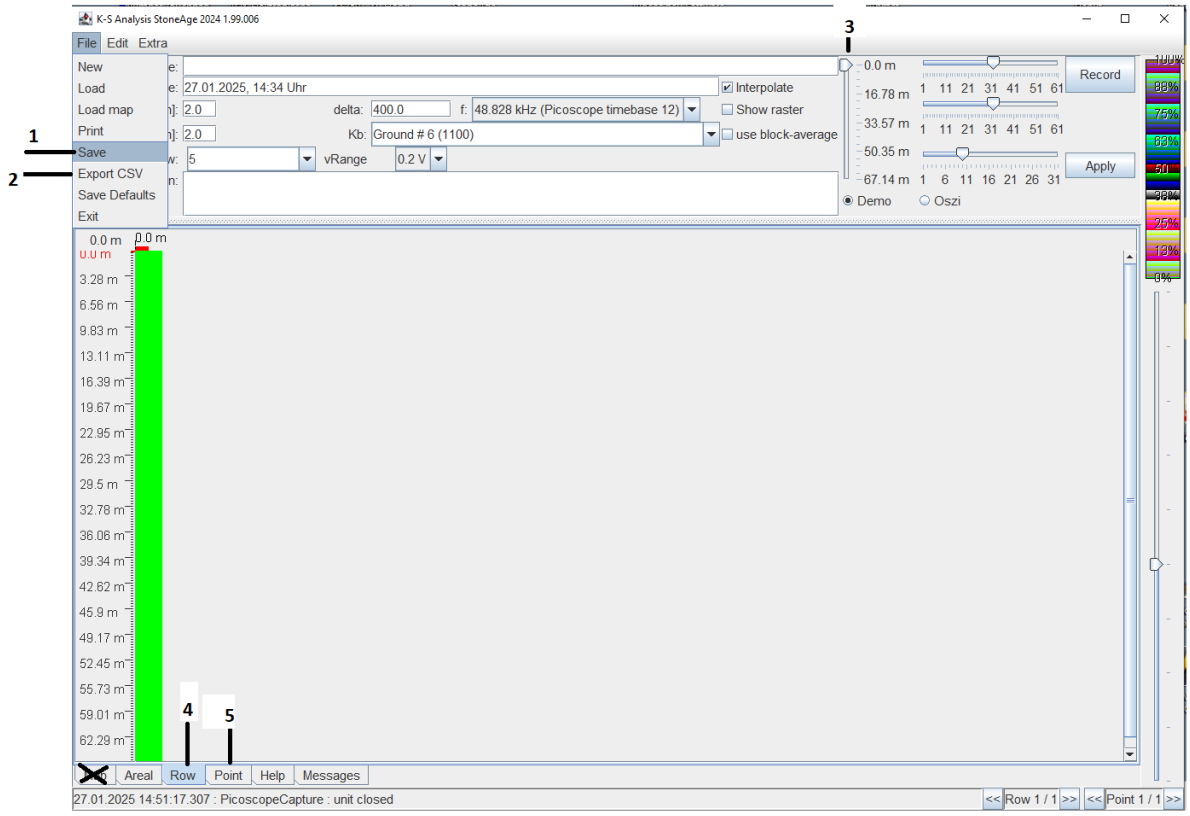
3. Points per row: select 5m / 10m / 15m / 20m / 25m

4. f: 48.828 KHz (Picoscope timebase 12)

5. click Oszi

6. Interpolate: set hook

7. VRange: 1V /0.5V / 0.2V (this value depends on the soil and can be varied)

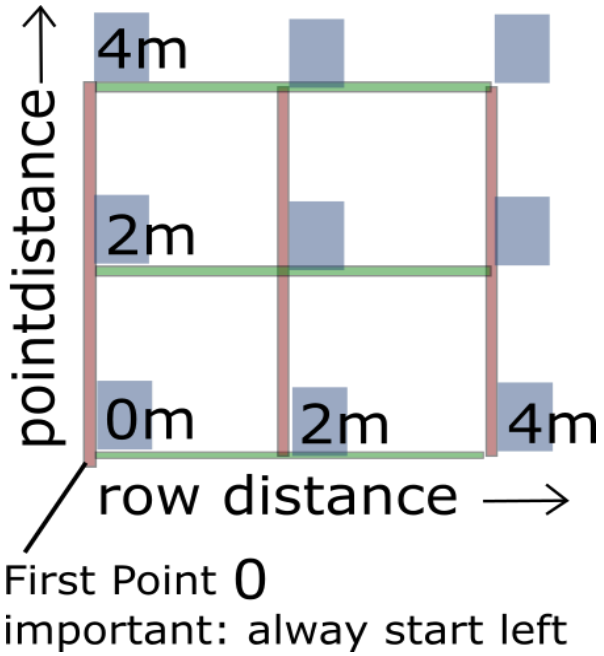


1. **save the measurement (always click on "save" first)**
2. **as a second step save "export csv"**
3. **set the depth scale before "export csv"**
4. **during the measurement process, "row" should be set**
5. **With the "Point" function you can see whether the spectrum is running and the device is ready for use**

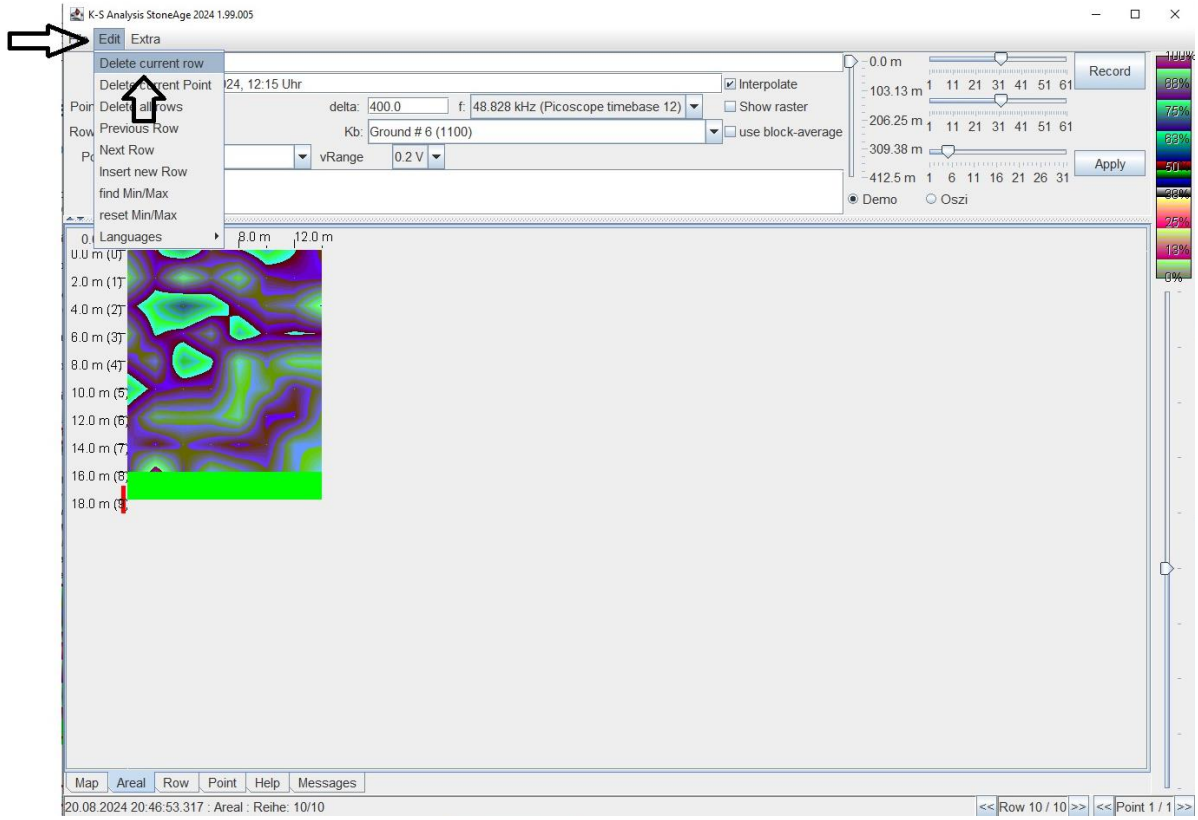
Oszi: when the device is connected with the USB cable (socket behind the touchpad) Oszi click

The software is now connected to the device and the measurement can start

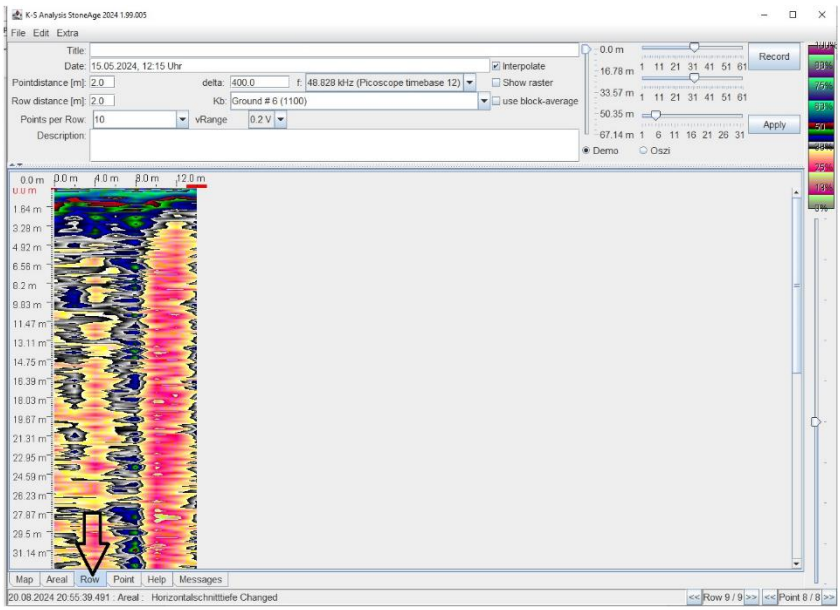
2: Measuring field:



4: Edit: delete current row



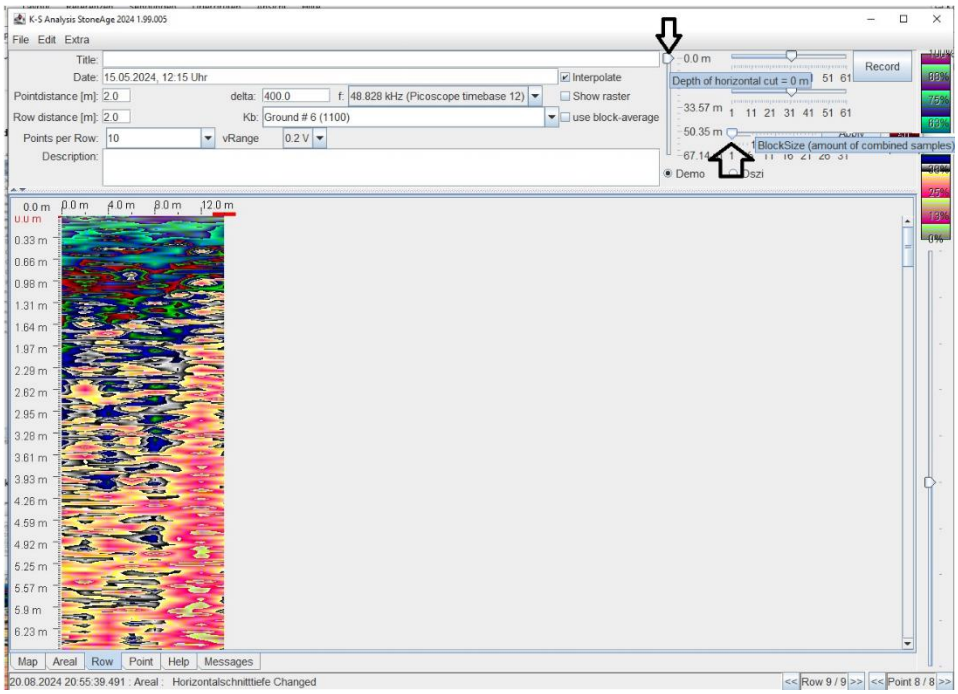
5. Row: click on "row"



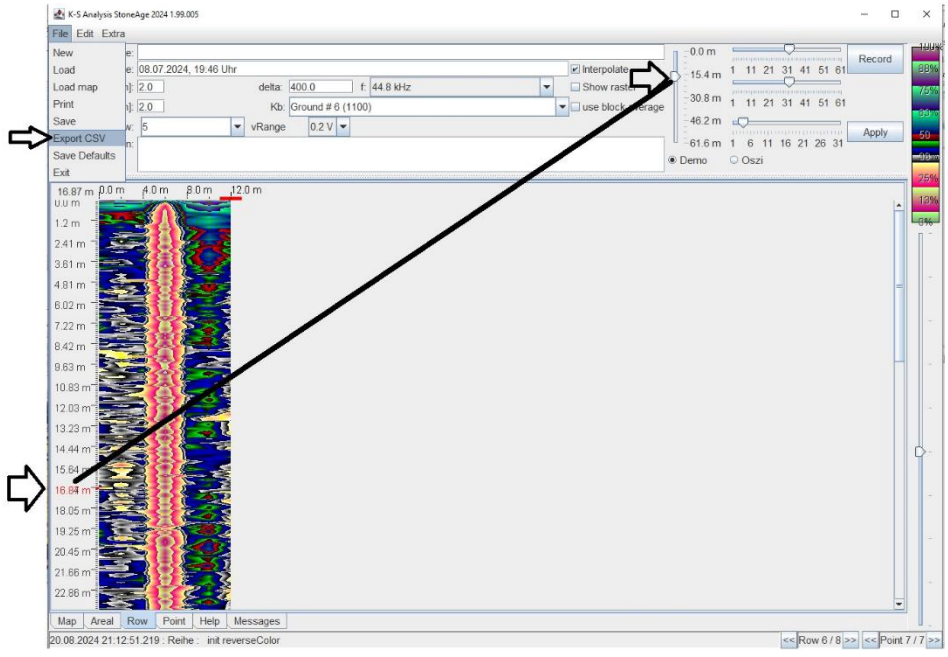
6: depth setting

Before you can save in "csv export" you have to set the depth to load the data into the 3D software.

If this has not been done then there is no data. The scale is set to 0!



7. export csv

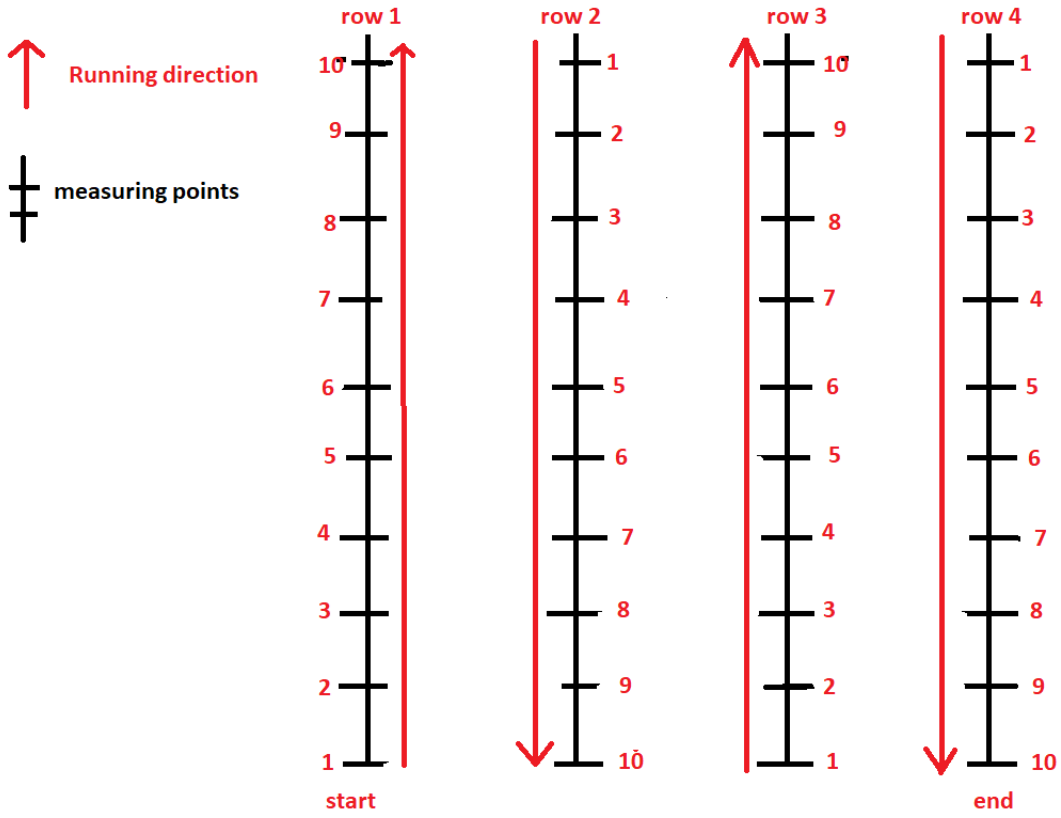


Before you click "export csv" check if you have set the depth scale then click "export csv

8. Measuring field

the row spacing must be 2m and the point spacing can vary from 2m to 4m.

When searching for small cavities/anomalies, the point spacing should be 2m. However, if you want to locate large tunnels (railway tunnels), the point spacing can be set at 4m.



you start at the start and run to the end of the first series of measurements.
The second series of measurements starts right next to the end of the first series of measurements, parallel to the last measuring point of the first series.
You do not have to run to the beginning of the first series of measurements!
See the measuring points in the sketch!