Set material surface



This function is used to identify and set the surface of the material.

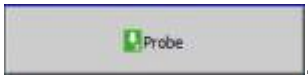
Before using this key, you have to make sure the spring retainer ring is not locked.

Once the material surface is set you should not have to reset it again unless:
a) the system has been shut off; or
b) the material thickness has been changed.

Press the JOG ARROWS keys  to position the cutter anywhere over the material.
Then slowly jog the spindle down till the nosecone just touches the material. That is where you want the Z-axis setting to be Z=0.0

After that, press the SURFACE  key. This will open the following window:



1. You can now (continuously) push the probe button 

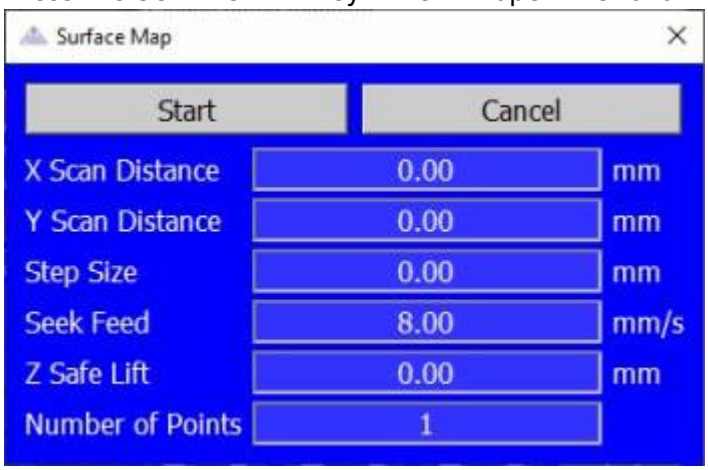
. The spindle will slowly move down and set the plate surface.

2. Or you can manually move the spindle down  till it just touches the material surface and hit the Enter  key in the set surface window.



Press the JOG ARROWS keys  to position the cutter on the upper left corner of the imaginary rectangle of which you want to scan the relief.

Press the SURFACE  key. This will open the following window:



Fill in the data as you like. You can read further information in the bottom part of **this page**

Return to the keypad overview.
Continue to the table of contents.

From:
https://manuals.cyborg-engravers.com/ - **cyborg-engravers**

Permanent link:
https://manuals.cyborg-engravers.com/doku.php?id=en:x200:set_surface_key&rev=1745312802

Last update: **2025/04/22 11:06**