

Exposure Time Calibration

SOURCE:

<https://support.zortrax.com/exposure-time-calibration/>

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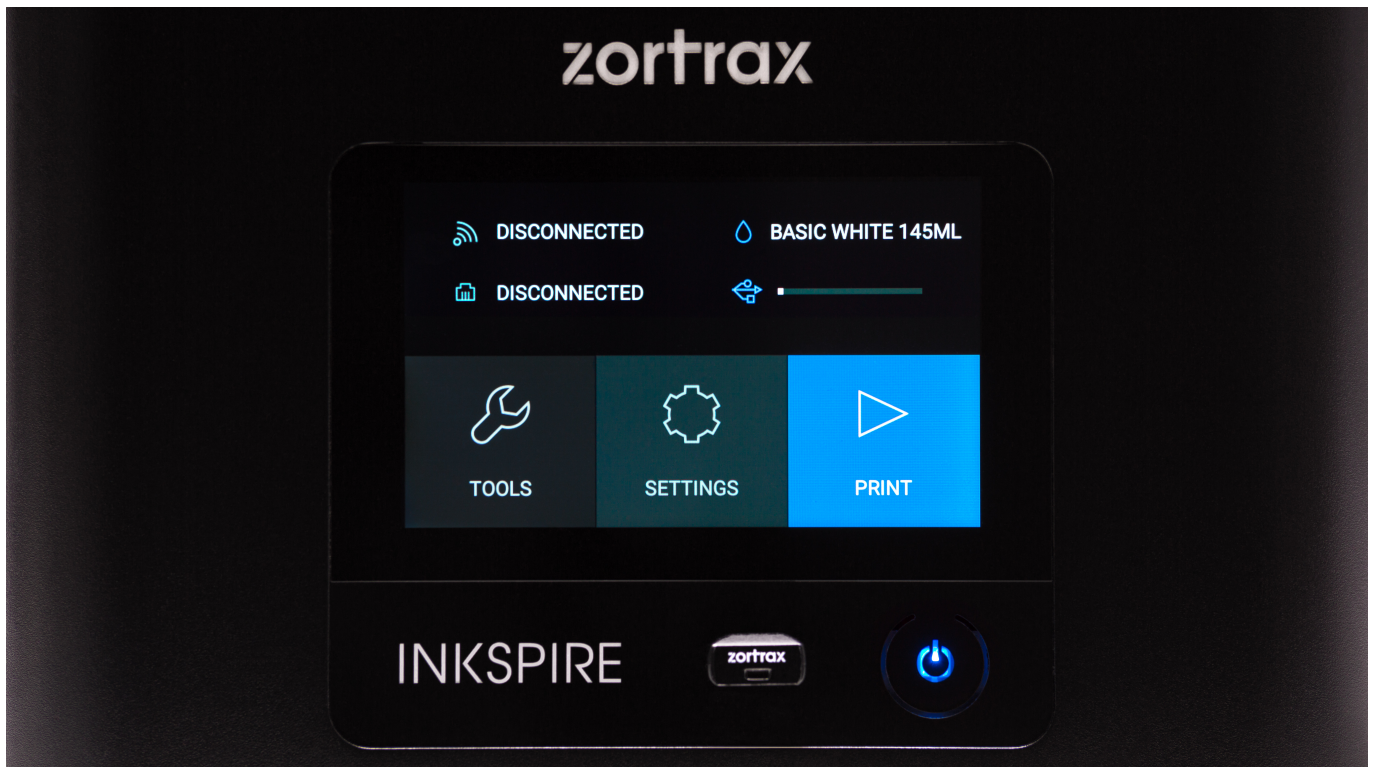
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Starting the Calibration

From the main menu select *Tools* and *Exposure time calibration*.

NOTE! Remember to remove cured resin from the platform and carry out platform calibration before starting the *Exposure time calibration*.

Next, pour resin into the tank.



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TOOLS



PLATFORM >



LAMP TEST >



CALIBRATION >

EXPOSURE TIME CALIBRATION >

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Please check if the platform is empty and calibrated before starting resin exposure calibration.

OK



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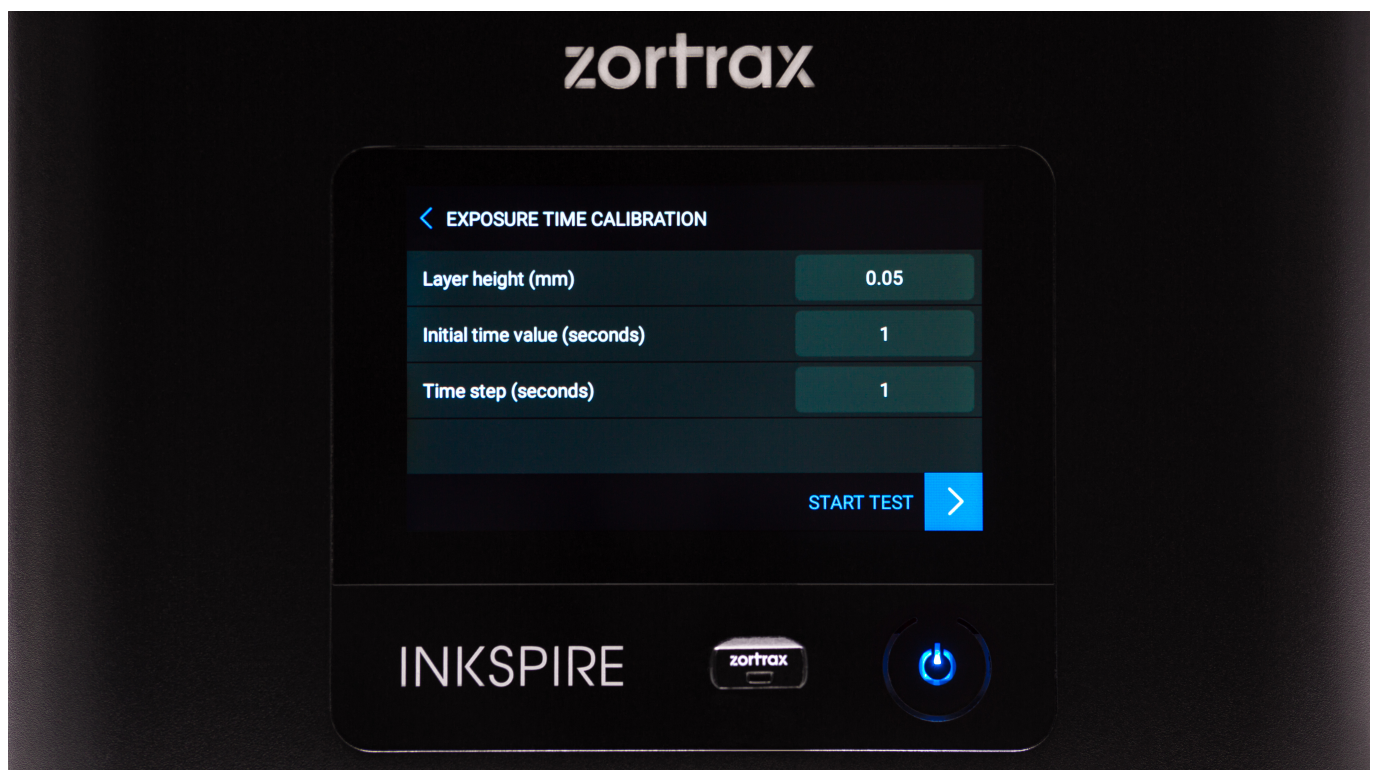


Entering Calibration Values

To start the calibration, enter the necessary settings:

- Layer height (mm)** – the layer thickness which you want to test for the resin,
- Initial time value (seconds)** – the initial exposure time value for the first column of the trial model,
- Time step (seconds)** – the time value which will extend the exposure time for each next column.

Once you enter all values, select *Start test* and the printer will start to print the trial model.



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< EXPOSURE TIME CALIBRATION

| | | | |
|------------------------------|------|---|---|
| Layer height (mm) | 0.05 | | |
| Initial time value (seconds) | 5 | | |
| 1 | 2 | 3 | - |
| 4 | 5 | 6 | , |
| 7 | 8 | 9 | ✉ |
| . | 0 | — | ● |

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< EXPOSURE TIME CALIBRATION

| | |
|-----------------------------------|------|
| Layer height (mm) | 0.05 |
| Initial time | 5 |
| Time step (| 1 |
| Printing exposure time test model | |

START TEST >

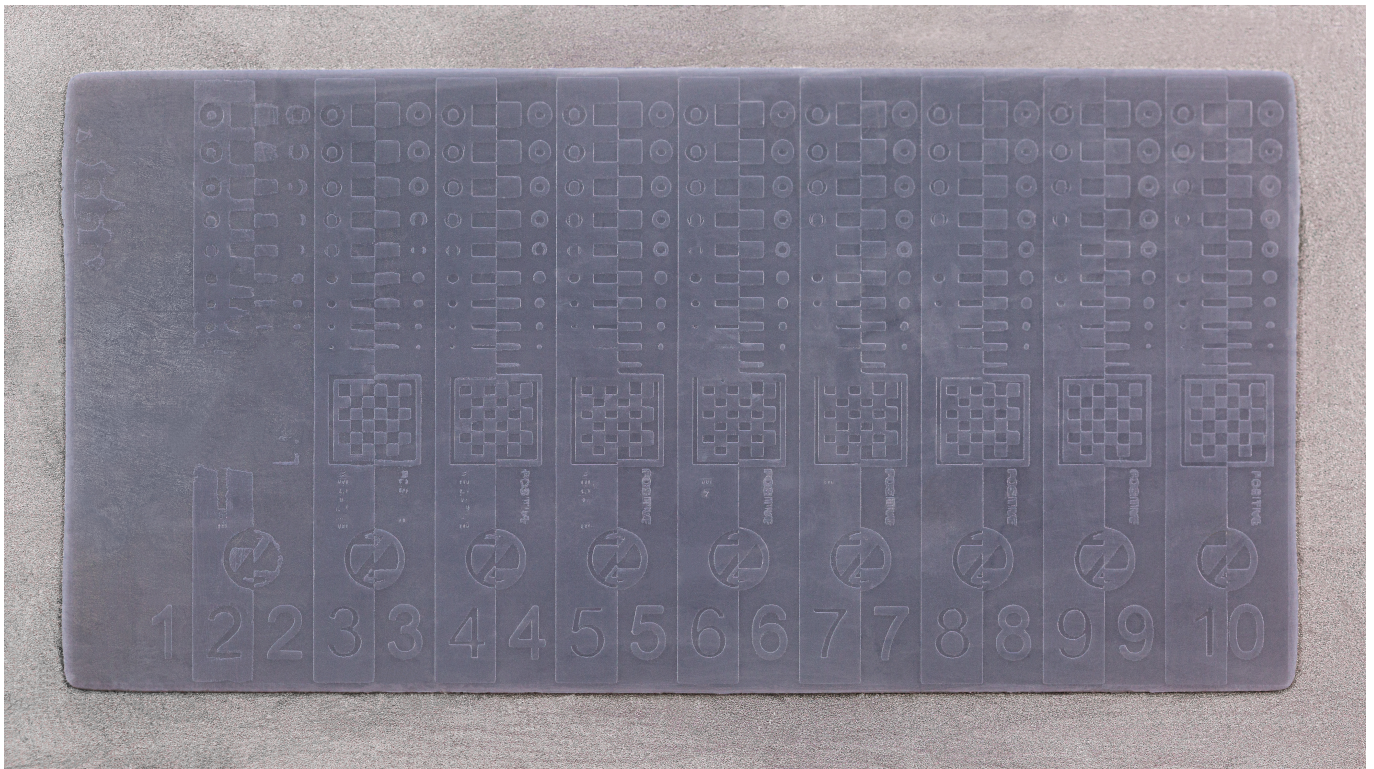
INKSPIRE



PLEASE WAIT...

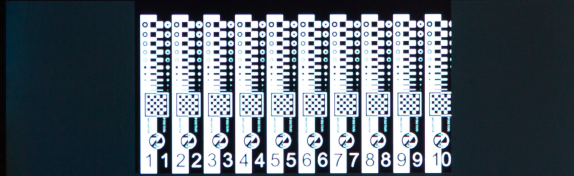
Interpreting the Results

Inspect the ready model visually and select the column where the details are printed most precisely. Next, tap the selected column on the screen. The screen will display the suggested exposure time value for your resin. To complete the calibration, press *Finished*.



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< EXPOSURE TIME CALIBRATION



Select column with best printed details

< BACK

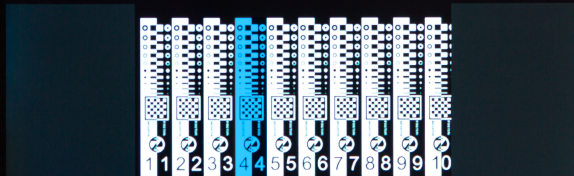
FINISHED >

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Suggested layer exposure time: 7s

< BACK

FINISHED >

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