

Calibration Checks in Simulation Mode

EnSURE Touch offers a simulation mode that allows users to simulate equivalent RLU readings from another ATP luminometer. Calibration checks allow users to verify the accuracy of the instrument using calibration devices like the [CalCheck](#) or Calibration Control Kit. This article will discuss how simulation mode affects calibration checks and what values users should expect for passing results.

Calibration Checks

Under non-simulated, or native settings, the positive test range for calibration checks are 130—230 RLU for Calibration Control kit and 255—345 RLU for CalCheck. The negative test range is 0—4 RLU for an empty chamber, inactive ATP test device, or negative control rod from the Calibration Control kit. Simulating another instrument does not change the RLU values to the simulated instruments values during calibration checks. Users should expect RLU values within the respective target ranges previously mentioned, even while simulating another instrument. For instructions on how to perform a calibration check, please see this [instructional video](#). For more information regarding calibration targets, please see the [Calibration Target Comparison](#) section of the EnSURE Touch manual.

A screenshot of a mobile application interface for a calibration check. At the top, a pink header bar contains a back arrow, a checkmark icon, and the text "Calibration Check". Below this is a green bar with a white checkmark and the word "Pass". The main content area consists of several rows: "Result" with the value "220 RLU", "Device Type" with "Calibration Control Kit", "Date" with "08/25/2020 12:53 PM", and "Range" with "130-230". Below these rows is a text input field labeled "Notes". At the bottom, a grey bar contains a blue button labeled "Next". The status bar at the very top shows a battery icon, signal strength, and the time "12:53".

Result	220 RLU
Device Type	Calibration Control Kit
Date	08/25/2020 12:53 PM
Range	130-230

Notes

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Contact Hygiena Technical Support for further assistance.

- Phone: 1-888-HYGIENA (1-888-494-4362, option 2)
- Email: techsupport@hygiena.com
- [Submit a Support Ticket](#)
- [Schedule a Microsoft Teams meeting with support](#)