

# DID YOU KNOW?

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## “ON” Button Functions (PSS500 Controls)

Service calls from the field are received each month that are related to the functionality and use of the “ON” button.

### Question

A typical question is as follows: “**I have pressed the “ON” button, but the green READY light does not come on. How long should I wait?**”

### Answer

**First, doors must be closed and the jacket at close to sterilizer temperature before the READY and START lights will be observed.**

Before the sterilizer is ready to run a cycle, the jacket must heat up to within a few degrees of sterilization temperature. The time to accomplish this will vary according to the size of the sterilizer. For a large bulk floor loading sterilizer, it can take 45 minutes. Conversely, a typical vertical door clinical unit will only take about 15 minutes.

On Primus clinical sterilizers, the temperature of the jacket is displayed on the control touchpad screen as the jacket is heating up. With other Primus software versions, the jacket temperature can be viewed by pressing the upper left-hand heart (Primus insignia) on the touch pad.

If after the proper wait time, the jacket temperature does not come up to the sterilization temperature range, there is possibly a **steam supply problem**. Qualified personnel should check the steam source, whether from an integral or standalone boiler, or from house steam.

If the steam source is functioning properly, then check the following:

Ensure the steam to jacket valve is functioning properly. Check the **fuse** and its output relay.

If the valve is functioning properly and you are having trouble getting the jacket up to pressure, verify that the **jacket steam trap is not leaking through**.

A very infrequent cause could be that the **jacket steam trap has been stuck closed** resulting in the jacket being full of water.

Another rare, but possible circumstance could be calibration or RTD failure related – if the sterilizer controller thinks that the jacket RTD is **below freezing**, it will not actuate the steam to jacket valve



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