

# CENTRIFUGE CALIBRATION INSTRUCTIONS

**Watch the Video Instructions on Ascend University!**

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**Go to: [www.ascend-u.com](http://www.ascend-u.com)**

**Login: Your facility code**

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Hello!

Recently you received a call from our Client Support team regarding centrifuge inspections. The centrifuge or centrifuges are now due for inspection. Enclosed in the packet you will find the following:

- Inspection Stickers –place these on the centrifuge machine after it has been inspected. Be sure to peel off the expired inspection sticker.
- Tachometer- this is used to measure the RPM's (see directions below on how to use this device)
- Return FedEx Shipping label- use this to send back the tachometer to Ascend Clinical to avoid possible fees
- Centrifuge Mechanical Safety Inspection Sheet- fill this sheet out for each centrifuge inspection completed and file for your records

When you are ready to complete the inspection, please call **800.800.5655**

## Tachometer Directions

In order to use the digital tachometer you'll need to locate the reflective tape on the centrifuge. If there is no reflective tape on the centrifuge then locate the extra tape mailed to the facility with the digital tachometer. Cut a small strip and place it on the centrifuge in the center where it is on the rotating part of the centrifuge. Close the lid and turn on the centrifuge. Let it run for at least a minute so that it is running at full speed. Press the test button on the tachometer so the red laser light appears and hold it steady using both hands. Line up the red laser light with the reflective tape. The tachometer will have to be at an angle so the light is touching the tape.

When the number has stabilized on the digital tachometer you can let go of the test button. To get the reading press the, Mem button, and hold. There are three readings that will be displayed with the memory button. The first one is the max value symbolized by the word "UP" before the value. This is the highest reading taken by the tachometer. The second number displayed is the lowest reading taken, symbolized by DN for down. The last reading is symbolized by LA for Last and this is the reading that you will use to determine the RPM's of the centrifuge. A speed of 3000 is required for the large model centrifuge 24place Drucker and a speed of 3200 for the smaller, 6place Drucker model. For other models, please see the Centrifuge Mechanical Safety Inspection Sheet.

**If you have any questions, please contact Client Services at 800.800.5655, Option 1.**