

## What is a learn circuit?

The Stellar™ 150 has software designed to assess and adjust to changes in the patient circuit. The machine will “learn the circuit” so it can adapt to the type of tubing, any additional connectors and the type of mask you use.



Stellar™ 150 with Humidifier and Patient Circuit

Photo Courtesy of ResMed Stellar™ 150 Education Power Point 2012

**Interfaces** include various full face masks, nasal masks, and nasal pillows used for non-invasive therapy.

## Why is the learn circuit important?

The learn circuit is important because it provides information to the machine so it can support comfortable breathing. The machine will adjust air flow as you breathe in and out using the information obtained from learn circuit procedure.

If you need help performing a learn circuit, you may call the VEP at any time, 24 hours a day. A respiratory therapist will walk you through the procedure.

## When should you do the learn circuit procedure?

- Each time you change the mask.
- Any time you add or take away connectors.
- If you add or remove the humidifier from the machine.
- You may also choose to do a learn circuit each week after you clean the humidifier and tubing. This will help you stay familiar with the procedure.

# How is the learn circuit done?

## Step 1

Assemble tubing and mask.  
Attach tubing to humidifier outlet (or machine outlet if not using humidifier).

**Caution!** NEVER do the Learn Circuit with the mask on your face!

## Step 2

Power ON Stellar™ 150.  
Treatment screen is displayed.

If you have changed your mask, go to Step 3.  
Otherwise go to Step 4.



**Monitoring Button**

**Set Up Button**

**Select Dial**

Turn to highlight options and Push to select.

## Step 3 Verify Mask Type

Push the Set Up button to display **Clinical Settings**.  
Turn Select Dial to scroll to **Advanced Settings**;  
Push to select.

Turn Select Dial to **Mask Type**;  
Push to select.

Turn Select Dial to choose the mask;  
Push to confirm choice.

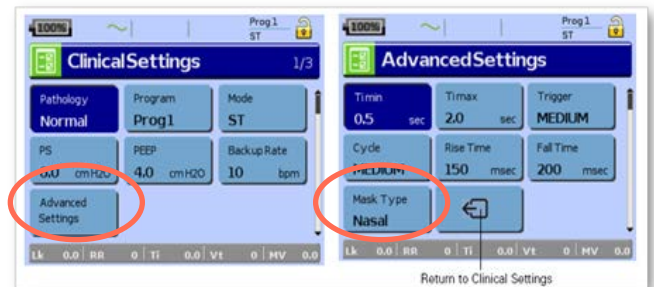


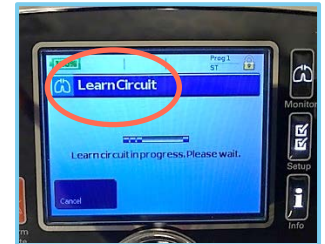
Photo Courtesy of ResMed Stellar™ 150 Education Power Point 2012

## Step 4

Push the Set Up button 3 times from the main treatment screen;  
**Options** screen is displayed.

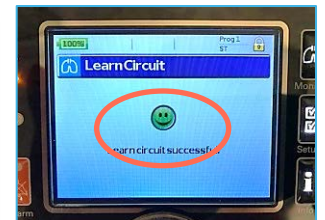
The **Learn Circuit** option is highlighted; Push to select.

Turn Select Dial to **Start**;  
Push to select.



## Step 5

The learn circuit has been successful the green happy face is displayed.  
If not successful, check that mask and exhalation ports are not blocked, and retry.  
Once the learn circuit is complete, push the Monitor button on the right of the display to return to Treatment screen.



### Reference

ResMed Stellar™ 100 Stellar™ 150 Invasive and Non-Invasive Ventilators User Guide

### Disclaimer

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