

Installation and care guidance for SmartTurbo device

Preparation for first use

Devices should be charged for a minimum of 3 hours prior to first use. Devices can be charged using the USB charge cable to a computer, laptop or USB wall charger adapter using the supplied connector (for example smartphone charger).

Installation and removing of inhaler

The devices are designed to work with specific inhaler medication. See below examples. Please do not try and fit a different type of inhaler into the device.

SmartTurbo devices



SmartTurbo
Symbicort
For AstraZeneca
Symbicort



SmartTurbo
Pulmicort
For AstraZeneca
Pulmicort

Installation

To wake up the smart touch press down the white status bottom for 2 seconds and then release and then press the bottom again and the device should then flash green, confirming that it is awake.



White button

Remove the inhaler cap (the white cover) from the inhaler in accordance with the directions supplied with the prescribed medication. Remove the cover on the SmartTurbo device (the section with large orange arrows) by squeezing the grey release buttons on the base.



Place the inhaler into the base. Place the cover over the inhaler, align the orange triangle symbols on the cover and base, and push down the cover until it clicks. Once the Turbo is installed, put the inhaler cap back on. The inhaler can now be used as “normal” – instead of turning the base of the inhaler as you would normally do, the device should be turned – you will still hear the click as you would normally do.

The device should flash green three seconds after a dose is taken confirming detection.



Removing the inhaler

Before detaching, remove the inhaler cap. Squeeze the release buttons to remove the cover from the base. Remove the inhaler and put the inhaler cap back on. Put the Turbo cover back on to the base by aligning the symbols and clicking into place. **A video installing the SmartTurbo and using it, is available on the RAACENO website (www.raaceno.co.uk) in the section on key facts about the study and documents.**

Checking the Battery Level


Rechargeable batteries will vary slightly between devices but in general will last 4-6 weeks before recharging is required, but we would recommend recharging more frequently than this, say weekly. Recharging takes around 2 hours but a device can safely be left on charge

overnight. You can check the status by clicking on the white status button.



Colour	
Green	Battery level fine
Orange	Getting low but still monitoring activity
Red	Battery flat and no longer monitoring
No Flash	Battery is flat or device failure

Looking after your smart inhaler

 **Don't immerse in water!** Keep smart inhaler clean and free of chemicals, steam, water and dust. Clean it by wiping the outside plastic enclosure with a lightly dampened cloth. Leave it to dry in a warm place that is less than 30 C.

Remember when you start using a new preventer inhaler to put it into the SmartTurbo.

If you have any questions or problems with the SmartTurbo, Please contact your local research nurse or the RAACENO study office on 01224 438084.