New C-19 Ventilator Launched by British Manufacturer Aesthetic Technology

Monday 4 May, 2020

Aesthetic Technology becomes the first independent UK company to launch a ventilator in response to the COVID-19 pandemic.

Aesthetic Technology, an award-winning British medical device manufacturing company specialising in LED phototherapy, today announced that in response to the current worldwide COVID-19 pandemic, it is the first independent UK-based company to complete the development and launch of a fully compliant ventilator. Due to its regulatory compliance, the Aesthetic Technology C-19 Ventilator will be available for delivery in countries throughout the world, and not just the UK.

“In these unprecedented times, as a fully certified manufacturer of medical equipment, we are pleased to be able to play our part and contribute to the COVID-19 cause, not just here in the UK but on a worldwide basis too”, said Huw Anthony, Aesthetic Technology’s CEO. He added, “Fortunately, we have a very gifted team led by our Managing Director, Dale Needham, who rose to the challenge. I am very proud of what Dale and his team have achieved and hope that their efforts can play some part in the worldwide fight against this extraordinary pandemic.”

Working virtually 24/7 for the past month, the company has completed the project in record time, utilising a mixture of its existing supply chain and also new specialist component manufacturers, all of which played their part.

Dale Needham said, “As a registered medical device manufacturer, we felt that it was our duty to look at the feasibility of creating and manufacturing a fully compliant ventilator. It has been a very busy month, but I am delighted that we have succeeded in our goal as we now enter the manufacturing stage. Our C-19 Ventilator will be manufactured at our Warrington factory on a brand-new production line set up specifically for this project.”

The Aesthetic Technology C-19 Ventilator is based on an existing fully approved design for which the company has a worldwide permissive licence from Medtronic to manufacture for the duration of the COVID-19 pandemic. The ventilator is compact, lightweight and portable, and provides airway support for both children and adults.

Dale Needham added, “Whilst we had the advantage of starting with an existing design, we still encountered a number of challenges throughout the process, and there was a lot of work in re-engineering a number of components. I am pleased to say that we have some fantastic technical talent at our disposal, which has proved invaluable to us in achieving our goal.”

About ventilators

Ventilators take the strain off patients’ lungs, supply oxygen and simulate the actions of breathing, making them important devices for the management of severe respiratory illness, such as that caused by COVID-19.

In severe cases of COVID-19, a patient contracts pneumonia; the resulting fluid buildup in the lungs reduces the body’s ability to take in oxygen and expel carbon dioxide. When a patient is placed on a ventilator, the patient’s lungs are permitted to rest and recover while the ventilator performs the functions of supplying oxygen and simulating the actions of breathing.

About Aesthetic Technology Ltd

Aesthetic Technology is a leader in the development and manufacture of LED phototherapy devices used in hospitals and clinics throughout the world. Its award-winning Dermalux LED systems provide clinical solutions for a number of skin concerns including psoriasis, moderate to severe acne, wound healing and the treatment of skin cancer. In addition to medical conditions, the treatment is also used for anti-ageing / skin rejuvenation treatments. The company is based in Warrington in the north of England, with distribution partners across the world.

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