BioSpectrum
the business of Bio & Health Sciences

Aequs launches low cost mechanical resuscitator

24 September 2020 | News

Aequs is manufacturing these resuscitators based on the license procured on the concept design from the University of Illinois

Aequs, based in Belagavi, one of India's leading aerospace precision engineering and manufacturing company, has announced the launch of AQovent^{TM}, a medical-grade, low-cost, and mass-produced mechanical resuscitator.

AQovent^{TM} is an oxygen-driven emergency resuscitator that can provide constant-flow, pressure-cycled ventilation automatically to patients in respiratory distress. Aequs is manufacturing these resuscitatorsin India based on the license procured on the concept design from the University of Illinois, U.S.A.

Aequs has stepped up to leverage its 'Aerospace' and 'Consumer Divisions' capabilities in its vertically integrated ecosystem at the Special Economic Zone in Belagavi, Karnataka, to manufacture AQovent^{TM} A dedicated team of cross-functional engineers at Aequs has pooled in their collective expertise to manufacture AQovent^{TM}.

AQovent^{TM} operates directly of oxygen, making it ideal for deployment in non-electri?ed locations (also in an ambulance as it is portable) and in situations with limited medical facilities. These single-use resuscitatorsare compact and easily deployable for treating patients affected by the virus and other respiratory conditions.

As one of the leading manufacturing partners of global OEMs such as Airbus, Boeing, Collins Aerospace, SAFRAN, among others, Aequs specializes in high-level precision engineering and ensures 'zero-defect' product quality.

The company has committed to deliver 2,000 units per month to start with and is looking at a phased distribution to Government Hospitals, Health Authorities, Government e-Sourcing platforms, Ambulance Services and NGO's in Tier II & Tier III markets across Karnataka. The distribution plan for AQovent^{TM} follows a not-for-profit model. Following the surge in demand, the company intends to scale up its production to 10,000 units per month.