

Patient Isolation Unit (Negative Pressure Isolation Unit)

S.N.	Parameter	Technical Specification	Remark
1	Warranty	- All instruments should be tested completely and have the warranty period of 12 months from delivery. - The warranty should be for all mechanical and electrical components.	
2	Order spare parts and accessories	<u>Item No. Accessory Name Unit</u> .HEPA Filter pc .Charger pc .PVC Gloves pair . Battery pc	
3	Equipment working conditions	The equipment must be used in the following conditions - Oxygen content more than 19.5% - Only the spare parts specified by the manufacturer can be used. - Power supply voltage: AC 220V + 22 V, 50 Hz + 1Hz; Internal power supply DC12V -Ambient temperature: - 10 °C to 50 °C; -Relative humidity: ≤93%. -The atmospheric pressure: 75 KPa to 106 KPa	
4	Technical Parameters	Used for isolated transporting patients with SARS and other deadly respiratory tract infection virus in order to prevent the spread of pathogens and reduce the medical staff infection. 1. The material TPU with high strength. 2. Supported by support bar to arch shape. Two oxygen mouth, for the patient infusion and lose oxygen; with ten operation mouths, for patients care by the person wears gloves. 3. Battery charge is about 8 hours of continuous use 4. It needs about 6 hours to fulfill the battery when there are only two indicator lights. 5.It can be used with a stretcher to move the patient easily. 6. The negative pressure no less than 15 Pa can be established within 2min. 7. The inside noise is no more than 72dB (A). 8. 99.99% efficiency at 0.3µm. 9. The ventilation inside is not less than 75L/min. 10. The chamber would sound alarm when the inside pressure is low or the battery power is too low. 11. The chamber can bear 150Kg. 12. The total weight is no more than 20 Kg when the chamber is no-load	
5	Others	In case patient need to be ventilated scavenging system should be connected to the expiratory APL valve.	
6	Dimension	L*W*H (1900*600*500)mm - Collapsible chamber so that it could be stored in small space whose longitudinal dimension can be altered should be prioritized.	
7	Weight	Gross weight < 50 Kgs	