

Bottlenecks for IITK Oxygen Concentrator (Sanjeevani) Prototype (may extend for manufacturing)			
SN	Name	Specification	Qty for single unit
1	Compressor (capacitor Included)	Oil Free, 1HP , 220V, 50Hz, 155 psi/ 8 bar, 120 LPM	1
2	Lithium Activated Zeolite(ORL)	13x ORL , 0.4-0.8 mm grain size , in Kg	0.9
3	Humidifier bottle 200 ml, with 0-10 lpm flow meter		1
4	UltraSonic oxygen concentrator & Flow Sensor	1 nos	1
5	Pressure Transducer(0-4 bar)	nos	2
6	Heat Exchanger system with noise isolation		1
7	One Way Valve for 8mm pneumatic pipe	non return valve	3
8	Filter housing Material (Aluminium Profile)	ID 55 mm with screw mounting on outside, in meter	1
Currently we targeted 10 prototypes for testing and many of these materials are available with us for 3/4 prototype units only (16 May)			