

Universal Industrial Plant Mfg. Co. (P) Ltd.

(Certified ISO 9001:2000 Company and CE)



Oxygen Gas Confirming to USP**

OXYGEN GENERATOR (PSA)

(PRESSURE SWING ADSORPTION TECHNOLOGY)



APPLICATIONS :

1. **Ferrous metallurgy:** For electric furnace steel making ,blast furnace iron making,cupola oxygen blasting and heating and cutting, etc

2. **Non-ferrous metal refinery:** It can improve productivity and reduce energy cost, also protect our environment.

3. **Water process:** For oxygen aeration active mud processes, reaeration of surface water. fishes breed aquatics, industrial oxidation process, humid oxygenation.

4. **Others:** Chemical industry production, solid garbage burning, concrete production, glass manufacturing, medical oxygen, etc.



SALIENT FEATURES

- ✦ PRODUCTION ATTAINED WITHIN 15 MINUTES.
- ✦ READY TO START.
- ✦ LOWEST POWER CONSUMPTION.
- ✦ COMPACT SIZE.
- ✦ FULLY AUTOMATIC OPERATION.
- ✦ DIGITAL FLOW METERS.
- ✦ DIGITAL PURITY ANALYZERS.
- ✦ LOW COST OF PRODUCTION.
- ✦ TOUCH SCREEN PANEL.



Cabinet Type



Skid Mounted Oxygen Generator with Cylinder filling Station

Fully Automatic Skid Mounted Plant

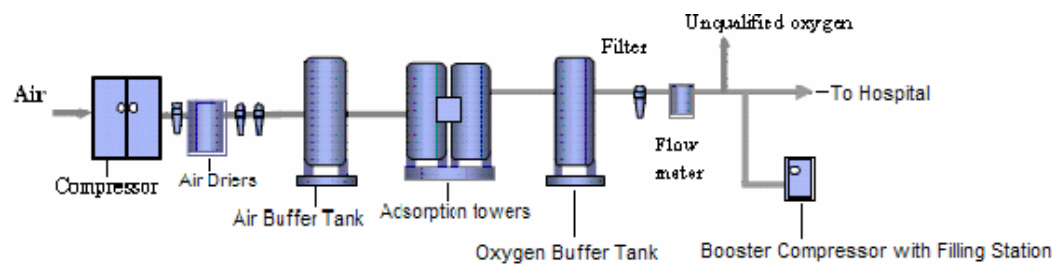


NOMENCLATURE :

- (1) ATLAS COPCO AIR COMPRESSOR.
- (2) REFRIGERANT TYPE AIR DRIER.
- (3) AIR BUFFER TANK.
- (4) ADSORPTION TOWER.
- (5) OXYGEN BUFFER TANK.
- (6) TOUCH SCREEN CONTROL PANEL.



Booster Compressor



OXYGEN GENERATOR SIZES :

No.	1	2	3	4	5	6	7	8	9	10	11
Model	UHOP 2	UHOP 4	UHOP 6	UHOP 8	UHOP 10	UHOP 13	UHOP 18	UHOP 22	UHOP 32	UHOP 38	UHOP 45
Capacity	2 cu3/hr	4 cu3/hr	6 cu3/hr	8 cu3/hr	10 cu3/hr	13 cu3/hr	18 cu3/hr	22 cu3/hr	32 cu3/hr	38 cu3/hr	45 cu3/hr

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