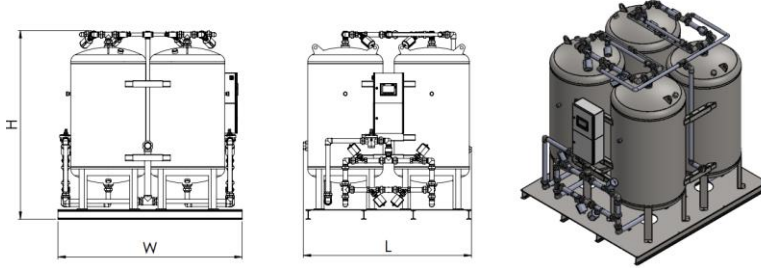




# NITROXTEC Oxygen Generators

## Oxytech -20

|                                        |                                         |       |       |
|----------------------------------------|-----------------------------------------|-------|-------|
| Oxygen purity rate [%]                 | %90                                     | %93   | %95   |
| Nm <sup>3</sup> /hour (*)              | 104.00                                  | 95.00 | 87.00 |
| Air / Gas Ratio                        | 9                                       | 10    | 11    |
| Air feed [m <sup>3</sup> /hour.] 7 bar | 936                                     | 950   | 957   |
| Power                                  | 110-240V AC 50/60 Hz 150 W              |       |       |
| Oxygen outlet pressure [bar] (g) (**)  | 7                                       |       |       |
| Pipes connection Inlet - Outlet        | DN80/BSP 3" Female - DN50/BSP 2" Female |       |       |
| Dimensions L x W x H [mm]              | 2000 x 2100 x 2270                      |       |       |
| Shipping dimensions L x W x H [mm]     | 2050 x 2150 x 2390                      |       |       |
| Maintenance area L x W x H [mm]        | 2500 x 2600 x 2770                      |       |       |
| Zeolite Weight [kg]                    | 2100                                    |       |       |
| Net Weight [kg]                        | 4800                                    |       |       |
| Gross Weight [kg]                      | 4870                                    |       |       |



|                               |                       |
|-------------------------------|-----------------------|
| Maximum operating pressure    | 10 bar (g)            |
| Operating temperature         | 5-45°C                |
| Minimum inlet pressure        | 4,5 bar (g)           |
| Dew point max                 | +3°C                  |
| Air quality ISO Specification | ISO 8573.1:2010.2.4.1 |

| Product                     | Name                     | Description                                                                                                                                                                                                                                                                                   | IP Class                                   |
|-----------------------------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| MTP700                      | SIMATIC HMI MTP700       | Unified Comfort Panel, touch operation, 7" widescreen TFT display                                                                                                                                                                                                                             | IP (at the front): IP65<br>IP (rear): IP20 |
| SENZTX TX-100               | NTRON SENZTX TX-100      | The SenzTx is a compact and robust O2 transmitter that utilises zirconia technology to give a reliable measurement of oxygen concentration.<br>(The zirconia sensor has an unlimited shelf life without the loss of calibration and has an expected life in excess of 5 years.)               | IP66                                       |
| PIPE & FITTINGS             | 304 Stainless Steel      | All of Pipes and Fittings are Stainless Steel                                                                                                                                                                                                                                                 | AISI 304                                   |
| Piston Valve                | BURKERT OR SMC<br>SS316L | 316L Stainless steel with threaded, Long service life<br>High flow rate, Robust actuators with modular accessory program                                                                                                                                                                      | IP67                                       |
| Pneumatic Components        | FESTO OR SMC             | Includes solenoid valves, air preparation units (FRL), fittings, and tubing.                                                                                                                                                                                                                  | Typically IP65,<br>but varies by model     |
| FLOW METER<br>(optional)    | SMC                      | Sensor/Display integrated type, Numerically displays the setting and measurement values                                                                                                                                                                                                       | Typically IP65,<br>but varies by model     |
| DEWPOINT<br>(optional)      | SUTO                     | dew point meters and sensors are designed for high accuracy and reliability.<br>They enable precise measurements of pressure dew point, humidity and temperature in compressed air and gases and ensure reliable monitoring and control of compressed air quality in industrial environments. | ISO 8573-1<br>ISO 8573-3                   |
| Oxygen Purity Control Valve | FESTO OR SMC             | Purity Control & Discharge Management : Directs high-purity oxygen to the usage line, discharges low-purity oxygen, or recirculates it.                                                                                                                                                       | Typically IP65,<br>but varies by model     |