

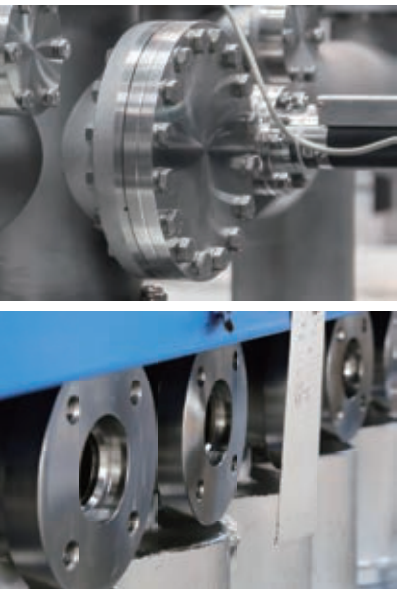
PSA NITROGEN GENERATOR



The basic principle of the PSA nitrogen generator is to use different adsorption capacities of adsorbent for oxygen under different pressures, adsorb the oxygen in the compressed air under pressure, generate nitrogen, and then desorb the oxygen by decompression to make the adsorbent regeneration. Due to the reliable technology, it is widely used. The generator uses two adsorbers, which are alternately adsorbed in cycles to generate nitrogen continuously.

Features:

- Simple process and easy installation
- High degree of automation, flexible start-stop and easy operation
- Long service life of key components, low operating and maintenance costs



| Type | Capacity N m3/h | L mm | W mm | H mm |
|----------|--------------------|---------|---------|---------|
| PSA-100 | 100 | 1600 | 1400 | 2200 |
| PSA-200 | 200 | 2200 | 1800 | 2250 |
| PSA-300 | 300 | 2500 | 2000 | 2500 |
| PSA-400 | 400 | 2950 | 2300 | 2450 |
| PSA-500 | 500 | 3250 | 2500 | 2500 |
| PSA-600 | 600 | 3550 | 2700 | 2550 |
| PSA-700 | 700 | 3850 | 2900 | 2550 |
| PSA-800 | 800 | 4000 | 3000 | 2650 |
| PSA-900 | 900 | 4300 | 3200 | 2650 |
| PSA-1000 | 1000 | 4350 | 3300 | 2750 |

