

NITROGEN-GENERATOR

IMT-PN IMT-PO



Nitrogen generation with PSA "Pressure Swing Adsorption" up to 99,9999 %

The Pressure Swing Adsorption technology facilitates nitrogen provisioning at purity up to 6.0 and dimensioning range from 0,5 – 2.000 Nm³/h.

Permanent supply of N₂

The high-purity or even ultra-purity quality of nitrogen is the distinctive property of this PSA-range IMT-PN nitrogen generators.

The nitrogen generators produce nitrogen from compressed air available on-site, or supplied by a dedicated compressed air generator. The air is purified by pre-filtration which eliminates impurities, such as humidity, oil vapour, particles and hydrocarbon.

The filtrated compressed air stream is channelled into the CMS-adsorber being in adsorption mode. While the air is touching by the CMS, oxygen and carbon dioxide molecules are eliminated and the air dew point is lowered. As a result, a clean, dry stream of high-purity nitrogen gas is originated, which can be used for the widest variety of applications.

- Optional:
- pressure booster up to 300 bar
 - flow meter
 - special voltage design
 - pressure dew point indicator
 - remote enquiry

All our PN-plants will be delivered with Touch panel and USB-port.

