

High Pressure Nitrogen Generators

For ASE Dionex

Applications: Accelerated Solvent Extraction Devices and Pressurised Solvent Extraction Devices Working at High Pressure Level - (ASE-200, ASE-300, ASE-350 from Dionex).

The AiroGen[®] High Pressure Nitrogen Generator from IATT uses a Carbon Molecular Sieve (CMS) to selectively remove oxygen and other contaminants from atmospheric air. The CMS bed alternates between purification and regeneration modes to ensure continuous nitrogen production at high pressure.

Features

- Fully regenerative PSA technology - Reduces risk of gas contamination.
- High pressure nitrogen > 11 bar.
- Two nitrogen outlet lines:
 - One at 7 bar for pneumatic system
 - One at 11 bar for the extraction cells
- Integral oil free compressor offers a fully secure N₂ supply.
- Quiet operation using a soundproofed compressor enclosure.
- Compressor over temperature alarm.
- Auto start.
- Audible and Alarm display with help menu.
- Visual maintenance indication.
- Energy saving Mode: Enables the compressor to switch off when nitrogen supply is not required with the external N₂ tank.
- Can be fitted with wheels for mobility.



IATT provide Turnkey Projects - a ready to use system with the minimum of disruption to your laboratory services

Purity

N₂: >99.5%

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Technical

N2

Flow Rate: 20 L/min
Purity: >99.5%
Outlet Pressure: Two pressure outlets available: 7 barg for pneumatic – 11 barg for extraction cells

EURUS-20-HP	Flow rate Max. 20 L/min, purity > 99.5% Two pressure outlets : 7 bar for pneumatic, 11 bar for extractions cell
Indicator lights	Power ON, System OK, System error
Hours run meter	Yes
Max. ambient operating temperature	10 – 30°C
Integrated air compressor	Yes
Noise level	< 55 dB
Electrical requirements	230V / 1800 W
Connexion	¼ NPT and 1/8 Swagelock
Weight (Kg)	112
Dimensions (H x W x D) cm	64 x 48 x 83