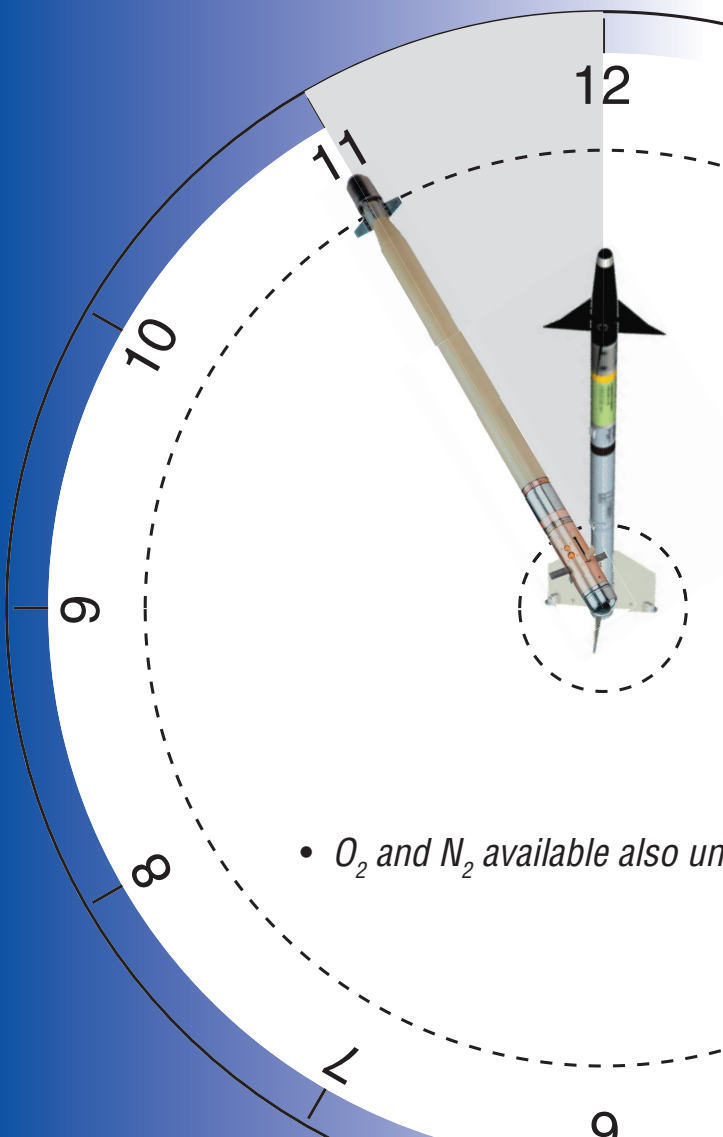


HIT OR MISS



Mobile cooling gas recharger for missiles



Ultra pure gas in 2 minutes with **Laser Gas** generators

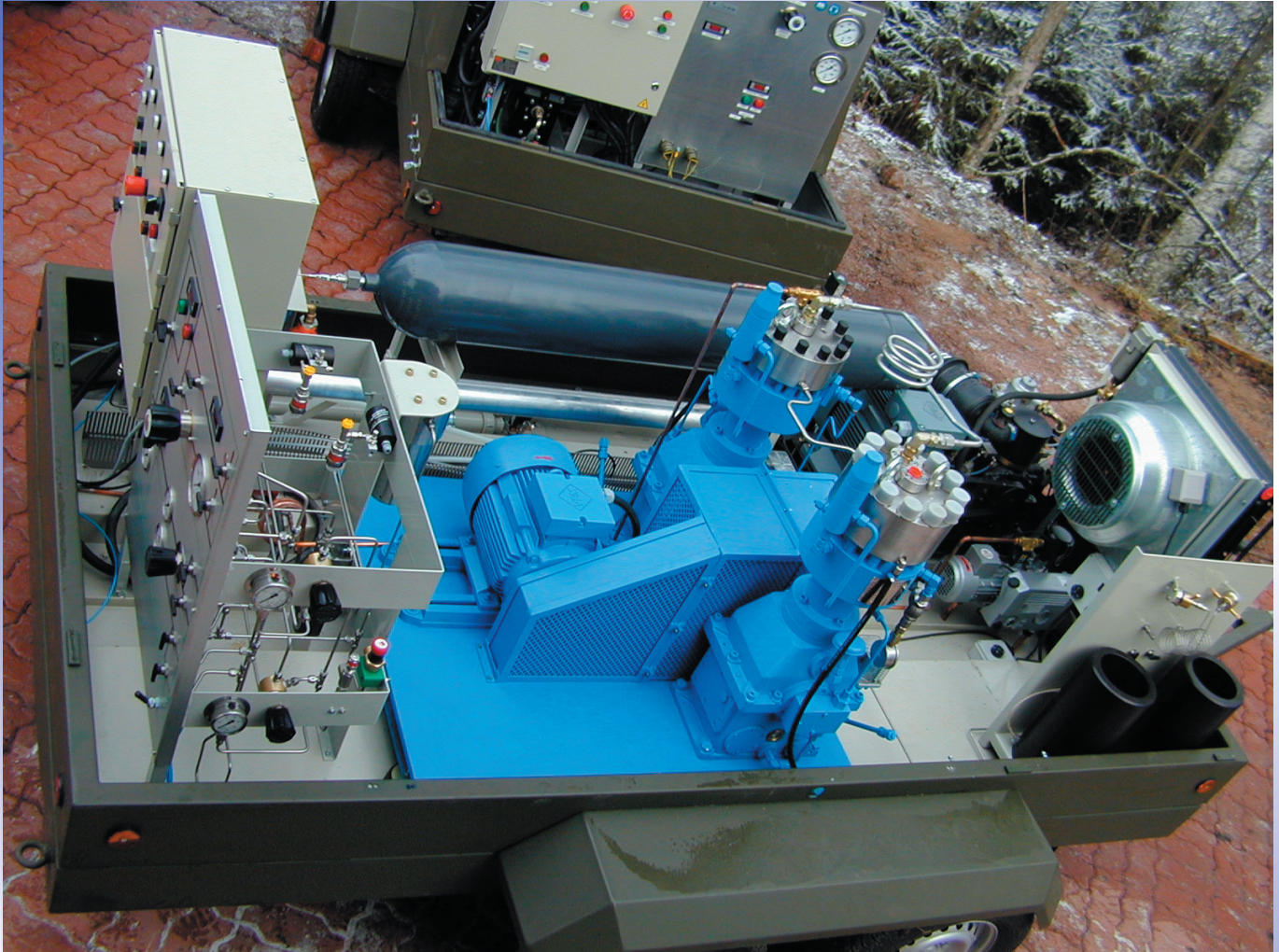
- Laser Gas standalone nitrogen generators can produce ultra clean cooling gas for IR-seekers. This is vital for the missile in order to find its target.
- Gas is always available where and whenever needed, produced from ambient air. Especially during a crisis, it is important to be independent regarding gas supply and certain about the quality of gas.
- Gas is produced economically on site, no transportation problems, no losses due to evaporation.

• O_2 and N_2 available also under crisis

Laser Gas

High Pressure Nitrogen Generator

High purity nitrogen gas from atmosphere air



Pressure raising

- Pressure raising is carried out with two metal diaphragm compressors.
- Working pressure up to 900 bar (10 000 psi tailored according to the users' need).

Secure, efficient, versatile Laser Gas generators

- Easy to transport.
- Produces gas from air, totally independent from outside supply source.
- Long experience with Finnish Defence Forces in extreme conditions; air force, army and navy.

Laser Gas

Easy to customize for the users' needs



- Unique gas production and handling technology, gas is available in 2 minutes
- Gas online monitoring system
- Built-in cleaning system for gas cylinders
- Analyzer for filled gas

SPECIFICATIONS

- Production rate ~0,1 - 0,2 Nm³/min (4-8 SCFM)
- Working pressure 100 - 900 bar abs (1 000-10 000 psi)
- Electric power 18 kW
- Purity H₂O < 0,9 ppm (V)
CO₂ < 0,5 ppm (V)
- Hydrocarbon < 1,0 ppm (V)
N₂ > 99,5 (PSA 99,9999)
- On-line PNM-system (Pure Nitrogen Monitor)
- Low pressure nitrogen output (0 - 10 bar)
- Low pressure air output (0 - 10 bar)

LASER GAS OY

Laviantie30

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FINLAND

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Other uses for Laser Gas generators



- Low pressure nitrogen outlet (e.g. filling of tyres, inerting of aircraft fuel tanks, etc.)
- Low pressure air outlet (e.g. for compressed air tools etc.)
- High pressure nitrogen outlet (e.g. for shock absorbers and pressure accumulators etc.)
- Nitrogen generators can be modified to be ultra pure air generators if needed

Other applications

O₂ generators
Hospitals
Food packing
Water treatment
Fish farming etc.

N₂ generators
Inerting
Laser cutting
Chemical industry
Oil fields
Pharmaceutical industry etc.

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