

N2 FOGGER



The N₂ – FOG generator allows the visualization of both laminar and turbulent flows. For generating a fog suitable for cleanrooms the unit makes use of fluid nitrogen and steam. The steam is characterized by its very small drop spectrum which allows as well visualizations of turbulent flows and rather low flow speeds (even below 0,2 m/s).

Features:

- No contamination of cleanroom or process equipment,
- Fog temperature adapts very quickly to room temperature,
- Very small drop spectrum,
- By fog bridged over, visualized distance: 3 m,
- Maximum tub length to be mounted: 5 m,
- Operating time: +/- 30 min at max. fog output,
- Possible use in isolators (built-up fog pressure 100 Pa).

Technical Data:

- Consumables: DI-water and liquid nitrogen or liquid air,
- Fog intensity: three intensity levels selectable,
- Dimensions (HxWxD): 420x440x200 mm,
- Weight: 18 kg,
- Power supply: 230/115 Volt,
- Maximum power input: 1.000 Watt.

Security device:

- Acoustic signal when lacking water or nitrogen,
- Electrical switch for personal security.

Scope of delivery:

- N₂-Fog generator,
- Tubing, 2 x 1.000 mm, handle,
- Remote control, cable (3 m),
- Water outlet,
- 2 x fog outlet nozzels (∅ 16 and 40 mm),
- Transport box and instruction manual.