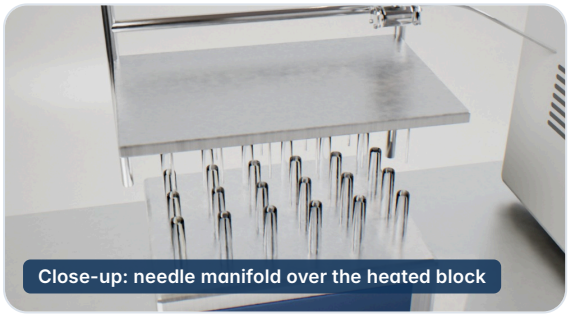
PRODUCT DATASHEET

Nitrogen Evaporator (Sample Concentrator), 24 to 144 Positions

Sample concentrators that blow nitrogen over heated tubes, sold with the LC-MS nitrogen generator

Product page





Close-up: needle manifold over the heated block

OVERVIEW

The Tech Inc. Nitrogen Evaporator (Sample Concentrator), 24 to 144 Positions concentrates samples before analysis by blowing a gentle stream of nitrogen onto the liquid surface of tubes or vials held in a heated block or water bath. Each position has its own needle and valve, the needle height follows the falling liquid, and the nitrogen comes from the same generator that feeds the LC-MS, so the laboratory buys one package.

TYPICAL DESIGN DATA

Positions	24 to 144
Heating	Ambient to about 100 °C, dry block or water bath
Gas	Nitrogen, about 1 to 4 L/min per position
Codes and standards	Electrical to IEC 61010-1
Needles	Stainless, individually valved
Supply	Nitrogen generator or cylinder
Safety	Connection to fume extraction

MODELS AND CAPACITIES

- **TI-NEV-24** – 24 positions
- **TI-NEV-48** – 48 positions
- **TI-NEV-96P** – 96-well plate
- **TI-NEV-144** – 144 positions

Indicative positions.

ORDERING CODE

Example **TI-NEV-48-G**: **48** positions: 24, 48, 96P, 144; **G** options: G with nitrogen generator, N none.

SCOPE OF SUPPLY

Included: factory acceptance test with a written report; drawings for approval, material certificates and manual.
Options: nitrogen generator; extra racks; microplate head; timer and auto-stop.

KEY ADVANTAGES

- **One package** – evaporator and generator
- **Gentle** – dry block or water bath
- **Per-position control** – needles and valves
- **No cylinders** – generator supply

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