



M280X2 industrial model without enclosure

M280X2 Liquid Nitrogen Generator

Fully assembled and tested COMPLETE Liquid Nitrogen Generator being fully automatic producing LN₂ 24-7 without operator intervention. A 300 liter vacuum insulated Stainless Steel tank stores the daily production of 100 liters. Integrated within the enclosure are an oil-free scroll air compressor and PSA GN₂ generator. Touch Screen (HMI) and PLC controls provide for reliable and safe operation. With the push of one button, LN₂ is delivered to the customer's tank and **as easy as decanting tap water.**

Specifications

Storage Capacity: 300 liters

Peak Production: 115 liters per day

Standard Production: 100 lpd at 60 Hz

Purity: >99.5% with 99.9%, peak

Dimensions: 117^W x 198^D x 221^H cm

Empty Weight: 985 kg

Environment: Indoor our Outdoor

Certifications: CE, ASME Sec, VIII

Features

Controls: PLC and Touch Screen

Operation: One-button with Auto-Start

Controls: Fully Automatic

Monitoring: Remote PC via Internet

Warranty: One Year from Installation

Extended Warranty: Life on Software & Instruments

Reliability: Double Redundancy

Air Compressor: Dry Scroll Type

Utilities

Air Water: 7T of Air Handling Load

Power for USA: 208 VAC, 3 ϕ , 60 Hz, 100A

480 VAC, 3 ϕ , 60 Hz, 45A

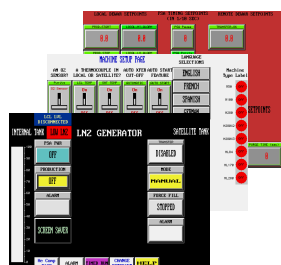
Power for International: 400 VAC, 3 ϕ , 50 Hz, 45A

Options

Chiller for Cooling: 10T Automatic Recirculator

V.J. Transfer Line: 2.5 meter long

On-Site Installation: By KIC Service Engineers



Similar M280X3 outdoor model with enclosure

Many options and features are available to meet the customer's application and environmental conditions. Please consult with the KIC engineers regarding previous experience and custom designs.

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