



M280X2 industrial model without enclosure

### M280X2 Liquid Nitrogen Generator

Fully assembled and tested COMPLETE Liquid Nitrogen Generator being fully automatic producing LN<sub>2</sub> 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 GN<sub>2</sub> generator. Touch Screen (HMI) and PLC controls provide for reliable and safe operation. With the push of one button, LN<sub>2</sub> 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<sup>W</sup> x 198<sup>D</sup> x 221<sup>H</sup> cm
- Empty Weight: 985 kg
- Environment: Indoor our Outdoor
- Certifications: CE, ASME Sec, VIII



#### Features

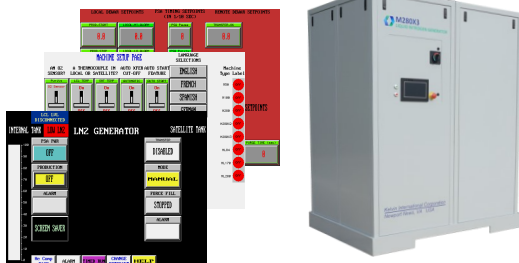
- Controls: PLC and Touch Screen
- Operation: One-button with Auto-Start
- Controls: Fully Automatic
- Monitoring: Remote PC via Internet
- Warranty: One Year from Installation
- Extended Warranty: Life on Software & Instruments
- Reliability: Double Redundancy
- Air Compressor: Dry Scroll Type

#### Utilities

- Air Water: 7T of Air Handling Load
- Power for USA: 208 VAC, 3 $\phi$ , 60 Hz, 100A  
480 VAC, 3 $\phi$ , 60 Hz, 45A
- Power for International: 400 VAC, 3 $\phi$ , 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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