

NITROSYS HVLP

PATENT PENDING



HandiFoam
HVLP
POWERED BY NITROSYS

 Spray Foam Systems

OVERVIEW - SYSTEM COMPONENTS

- NITROSYS: Electronically heat and volumetric metering with Human Machine Interface powered by PLC and software technology allowing for data logging.
- GreenFlare Heated Hose: Up to 310 feet of heated hose.
- Spray Gun: Handi Gun II (plastic) or N+ (metal)
- Transfer Pumps: Material and fluid supply.
- Air Compressor/Generator: Power and air supply.
- Air Dryer: Removes moisture from compressed air.



ENVIRONMENTAL HEALTH & SAFETY BENEFITS

Using Nitrosys HVLP equipment with ICP's Handi Foam HVLP, reduces the need for a fresh air system to using only a full face respirator. Utilizing Nitrosys HVLP system with Handi Foam HVLP also reduces the re-occupancy time for open cell foam to 2 hours, 4 hours for closed cell foam and 1 hour re-entry for workers.



EQUIPMENT OVERVIEW

NITROSYS

The Nitrosys low pressure, heated fluid applied system has two features that provide material and labor cost savings to users spraying SPF, Polyurea or Epoxy. The auto-calibration proportioner mixes your materials for you at the correct ratio, reducing your costs by saving chemical waste involved in manual calibration. Labor costs associated with manual calibration are eliminated. Material preheaters and heated hoses maintain constant chemical temperatures, increasing consistency of the foam and yield.



GREENFLARE HEATED HOSE

The Nitrosys GreenFlare Heated Hoses are designed specifically to operate with the NITROSYS spray system. These high-quality heated hoses allow users to accurately control chemical temperatures within the hose. GreenFlare technology utilizes 240V power allowing users to operate virtually anywhere due to convenience of power supply. GreenFlare Heated Hoses accurately control chemical temperatures within the hose allowing users to dispense high-quality products and maintain constant temperatures, increasing consistency and yield.



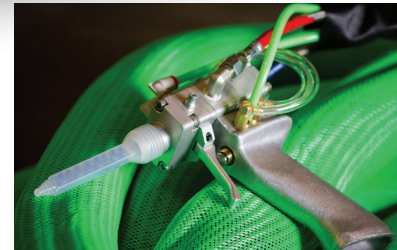
NITROSYS HVLP

The Nitrosys HVLP system utilizes a Human Machine Interface (HMI) transfer pumps and air supply to process high pressure HVLP spray formulation made by ICP with material output up to 30 pounds per minute. Utilizing this system with ICP's Handi Foam HVLP spray foam formulations will allow for reduced cost in equipment maintenance, less material waste, reduced PPE and re-entry times. The Nitrosys HVLP system utilizes air pressure under 250 PSI and while spraying Handi Foam HVLP and low pressure spray formulations, it does not require a fresh air system only a full face respirator. With 10,000 Watts of heating capacity, this system uses 240V of power that can be easily accessed at job sites. The Nitrosys HVLP operates with an HMI powered by PLC. New software technology allows for data logging to get in depth data recording off the HVLP Machine and allows for future software upgrades. These benefits of the Nitrosys HVLP can simplify spray processes and also help make them safer. The system can be configured as a wall mount, on a portable cart or in a turnkey mobile spray rig, tailoring to the need of the spray area.



N+ GUN (METAL GUN)

The N+ metal gun is a rebuildable air operated and air purge gun created for use with the Nitrosys Plus system and can also be used across all Nitrosys platforms. This metal gun contains minimal parts for easy breakdown and rebuild during maintenance. Equipped with electronic trigger option for automated operations, this gun's low pressure air nucleated static mixing provides a safe and variable output Up to 30 pounds per minute.



 Spray Foam Systems

Questions? Contact us at:

www.spraynitrosys.com

877.737.4362