



application worksheet **N²**

for nano N² gas generators

By completing the following information, nano can properly evaluate the specifics of your gas generation application and help determine the best possible solution. Complete and email to support@n-psi.com or fax to 704.897.2183.

contact information

name phone
 company email
 address
 city state zip

application parameters

describe the application
 i use nitrogen because it is clean & dry an insert gas other
 nitrogen purity requirement % min i don't know
 allowable oxygen content % max i don't know
 installation type indoor - skid mounted system outdoor - enclosed system

application parameters

current delivered cost nitrogen per idon't know
 current nitrogen supply cylinders number of cylinders used per week
liquid dewars number of dewars used per week
bulk storage deliveries per month late deliveries per year
gas generator flow rate scfm nitrogen purity %
 company requirement for payback on capital purchases months i don't know
 preferred expenditure capital (purchase) operating (lease) i don't know

sizing parameters

required flow & pressure scfh m³/min psig barg
 hours of usage per day
 type of usage continuous intermittent
 is compressed air available yes (clean & dry) yes (untreated) no
if yes: scfm psig °F PDP

other considerations

are there any space restrictions or other installation limitations to consider?

 what other issues or concerns do you have with your current nitrogen supply that you would like to eliminate? any other considerations?

for laser cutting applications only

items being cut by laser are “finished goods” quality subject to further processing (ie painting)
 materials being cut is stainless steel carbon steel aluminum other (describe below)

 production profile high volume of a single product multiple smaller volume products
 required booster pressure psig barg i don't know