



**Molten  
Metal  
Equipment  
Innovations**

**Degassing Parts  
Application  
Questionnaire**

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**Please complete as much information as possible.**

What type(s) of metal(s) and alloy(s) will be degassed? (example: Aluminum, A356, etc.)	
What type of degassing application is this – <b><u>continuous</u></b> (in-line) or <b><u>batch</u></b> (ladle, crucibles, etc.)?	
What is the incoming hydrogen level (or metal density)?	
What is the required outgoing hydrogen level (or metal density)?	
What is the theoretical maximum density of this material?	

**Questions Regarding Continuous Degassing Applications**

<b>Continuous:</b> How many spinning shafts are being used?	
<b>Continuous:</b> What are the dimensions of the degassing well (length x width x total depth)?	
<b>Continuous:</b> What is the normal metal depth?	
<b>Continuous :</b> How much metal is in the degassing well (lbs. or Kgs.)?	
<b>Continuous:</b> What is the flow rate of metal through the system?	
<b>Continuous:</b> What type of gas is being injected (argon, nitrogen, chlorine, a mix, etc.)?	

## Questions Regarding Batch Degassing Applications

<b>Batch:</b> What is the diameter and depth of the crucible or ladle?	
<b>Batch:</b> What is the metal depth of the crucible or ladle?	
<b>Batch:</b> How much metal does the ladle or crucible hold (lbs. or kgs.)?	
<b>Batch:</b> How much metal does the ladle or crucible hold (lbs. or kgs.)?	

## Questions Regarding Continuous & Batch Degassing Applications

<b>Continuous or Batch:</b> What type of gas is being injected (argon, nitrogen, chlorine, a mix, etc.)?	
<b>Continuous or Batch:</b> What is the flow rate of injected gas?	
<b>Continuous or Batch:</b> Whose shaft & rotor design are presently being used?	
<b>Continuous or Batch:</b> What is the size of the rotor (diameter and height)?	
<b>Continuous or Batch:</b> What is the diameter of the shaft?	
<b>Continuous or Batch:</b> What is the overall length of the shaft & rotor assembled?	
<b>Continuous or Batch:</b> Does the shaft have a protective sleeve on it? If so, how long and where is it located?	
<b>Continuous or Batch:</b> What is the thread connection at the top of the shaft? If possible, please send a drawing.	
<b>Continuous or Batch:</b> How fast does the shaft & rotor spin (RPM)?	
<b>Continuous or Batch:</b> Does the shaft & rotor spin clockwise (RH) or counter-clockwise (LH)?	
<b>Continuous or Batch:</b> Is flux injected? If so, please specify type and how much is injected?	

***Please provide any additional information you feel would be helpful. Photos, sketches and AutoCAD drawings are also useful. Please e-mail them to us if possible.***