





## Items that need to be prepared before using the Denaliweld water-cooled laser welding machine

Welding wire	Purified distilled water	Nitrogen	Φ10 PU tube	Gas regulator	Note: The temperature is lower than 0°C (32°F)
					

1. Prepare a spool of welding wire (solid), in accordance to the welding material. choose the welding wire, usually use 1.2mm/1.6mm (Suggestion:for example when welding material above 2.0mm use 1.6mm welding wire)
2. Prepare pureified/distilled water and add it to the machine chiller
3. Prepare a bottle of nitrogen or argon (N2/Ar)
4. PU air hose with diameter Φ10
5. Connect a gas pressure gauge or gas flow meter to the gas cylinder
6. If the ambient temperature is lower than 0 °C(32 °F ) you need to prepare antifreeze to add. Adjust the ratio according to the temperature

Air cooled laser welding machine,  
no need for purified water/distilled  
water and antifreezeantifreeze

## Denaliweld Professional water-cooled Laser Cleaning Machines

Pure water	Nitrogen	Φ10 PU tube	Nitrogen pressure	Note: The temperature is lower than 0°C (32°F)
				

1. Prepare purified/distilled water and add it to the machine chiller
2. Prepare a bottle of nitrogen or argon (N<sub>2</sub>/Ar)
3. PU air hose with diameter Φ10
4. Make adequate preparation a gas pressure gauge or gas flow meter to be connected to the gas cylinder
5. If the ambient temperature is lower than 0 °C (32°F) you need to prepare antifreeze to add. Adjust the ratio according to the temperature

Air cooled laser Cleaning machine,  
no need for purified water/distilled  
water and antifreezeantifreeze