

Gas System

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Aim of Gas System

- ✦ Primary

- ✦ Maintain Gas purity necessary for charge drift

- ✦ Cold Getter

- ✦ Hot Getter

- ✦ Secondary

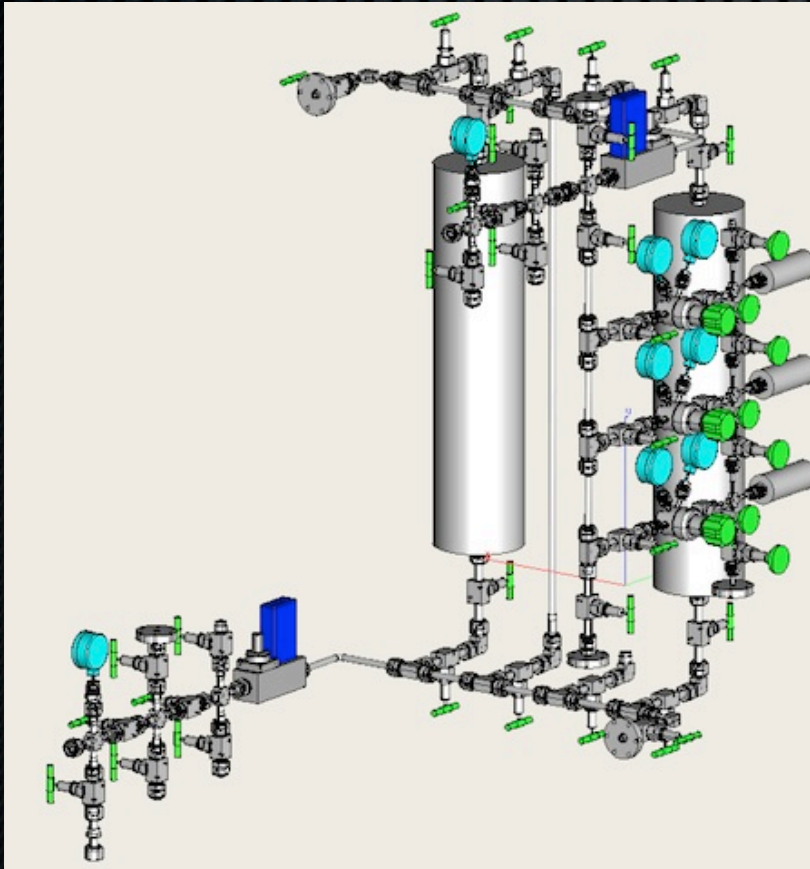
- ✦ Provide security measures against loss of gas

- ✦ Sensing

- ✦ Recovery

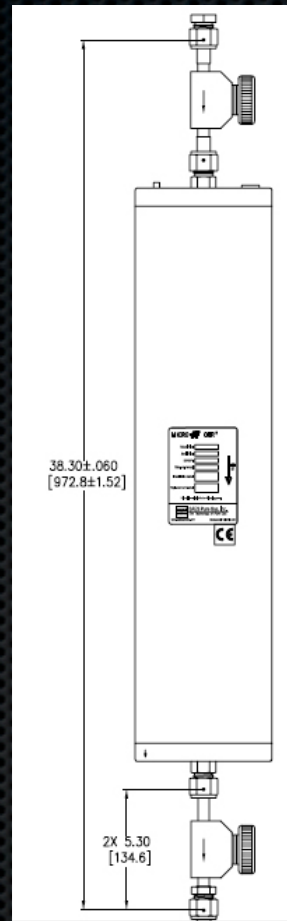
Primary Loop

Gladys



Primary Loop

Gladys



MC4500

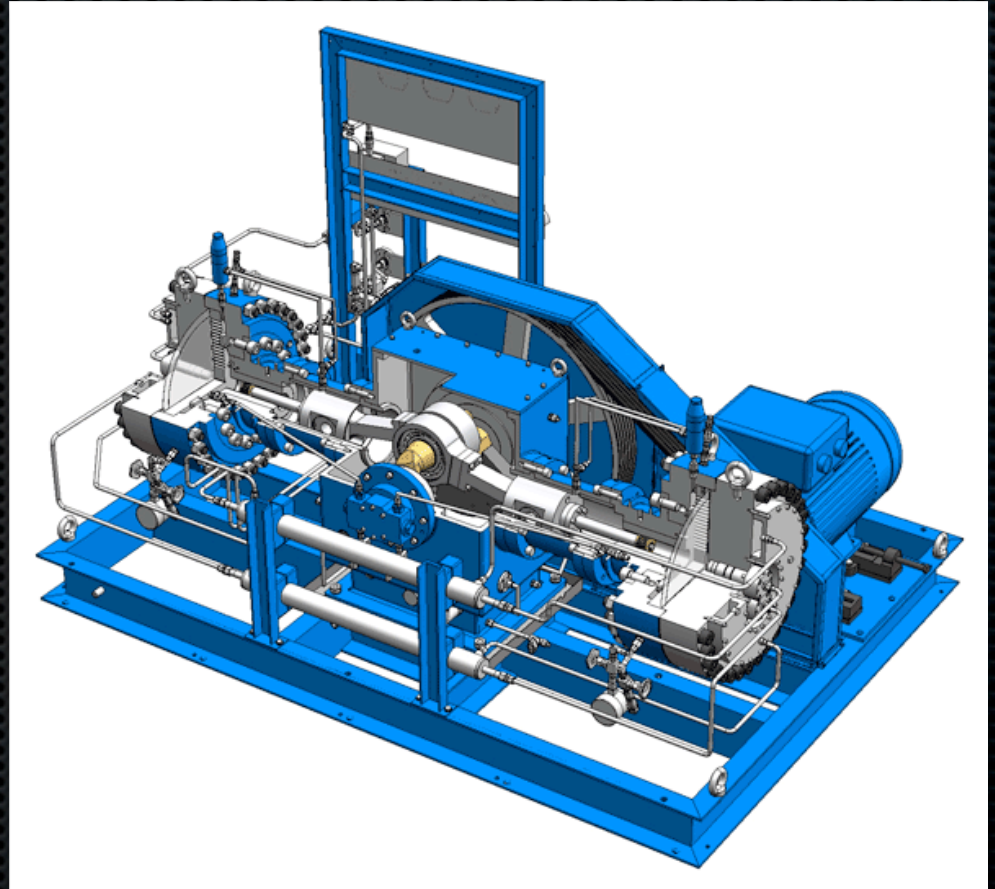


MT50

Secure Re-circulation Compressor

Triple Diaphragm

Stainless-Bronze-Stainless



<http://www.sera-web.com>

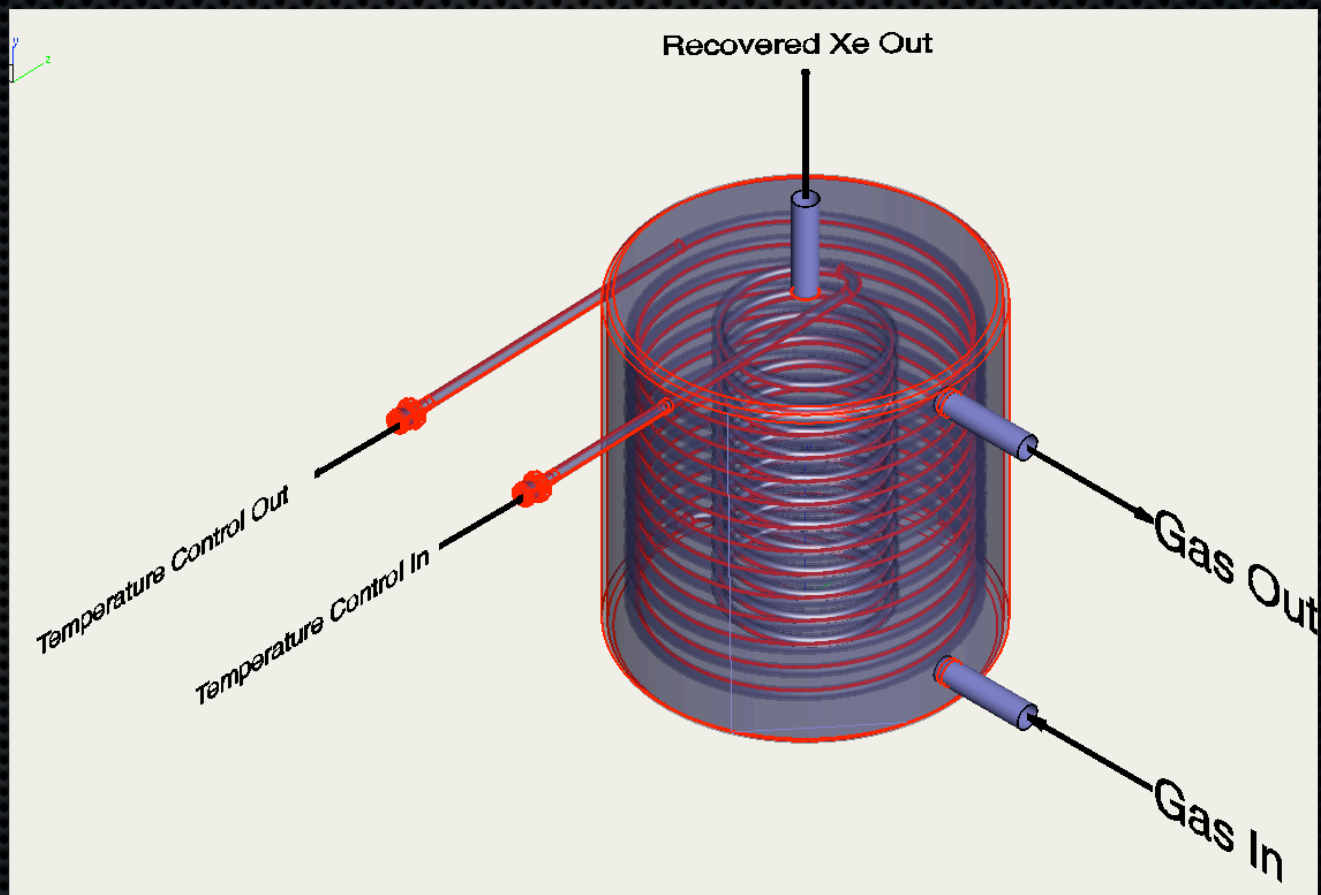
Leak Sensing

Multi-Channel RGA
software to
recognise leaks



Leak Recovery

Xe Cold Trap



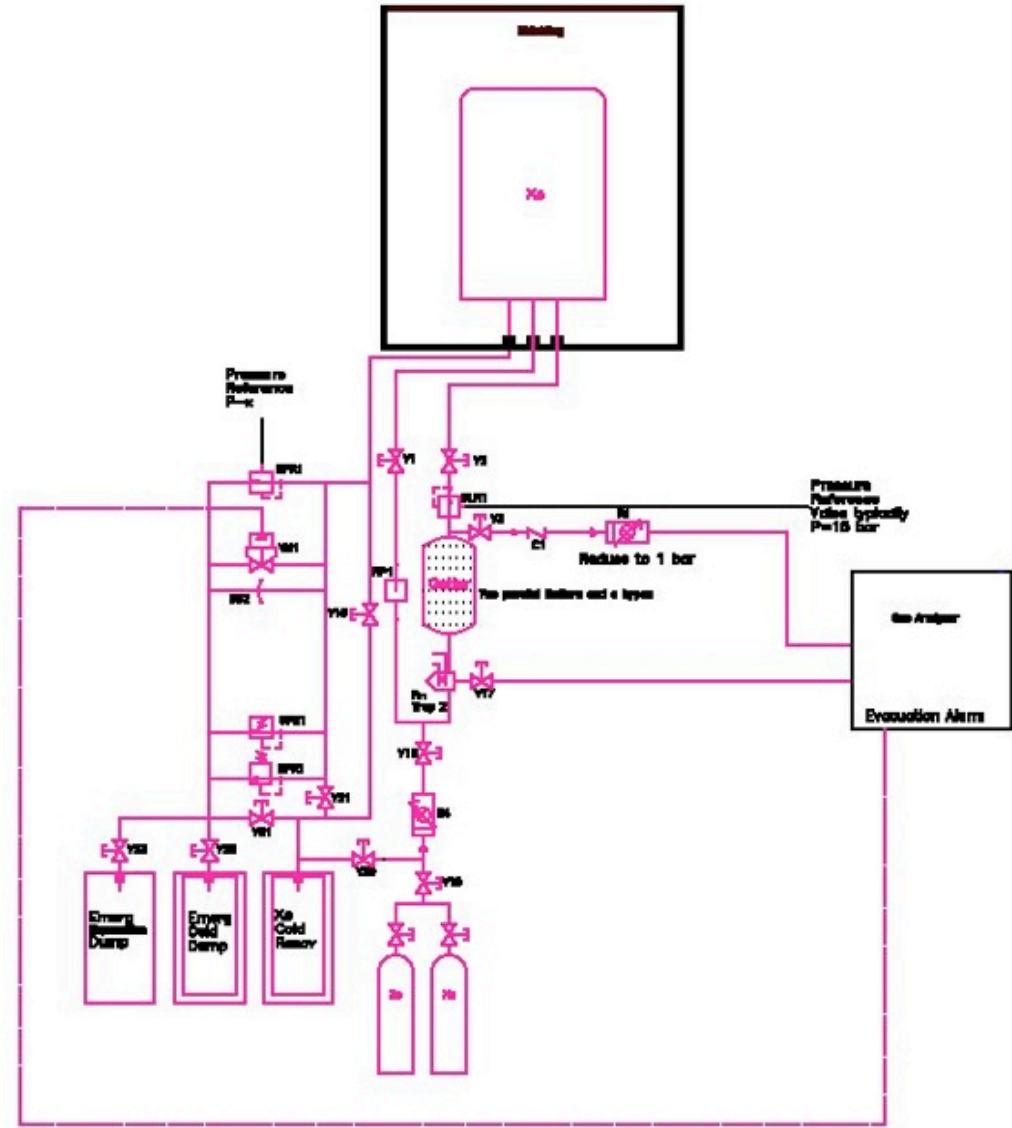
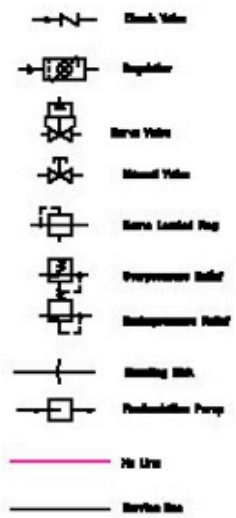
Leak Recovery

Expansion Tanks



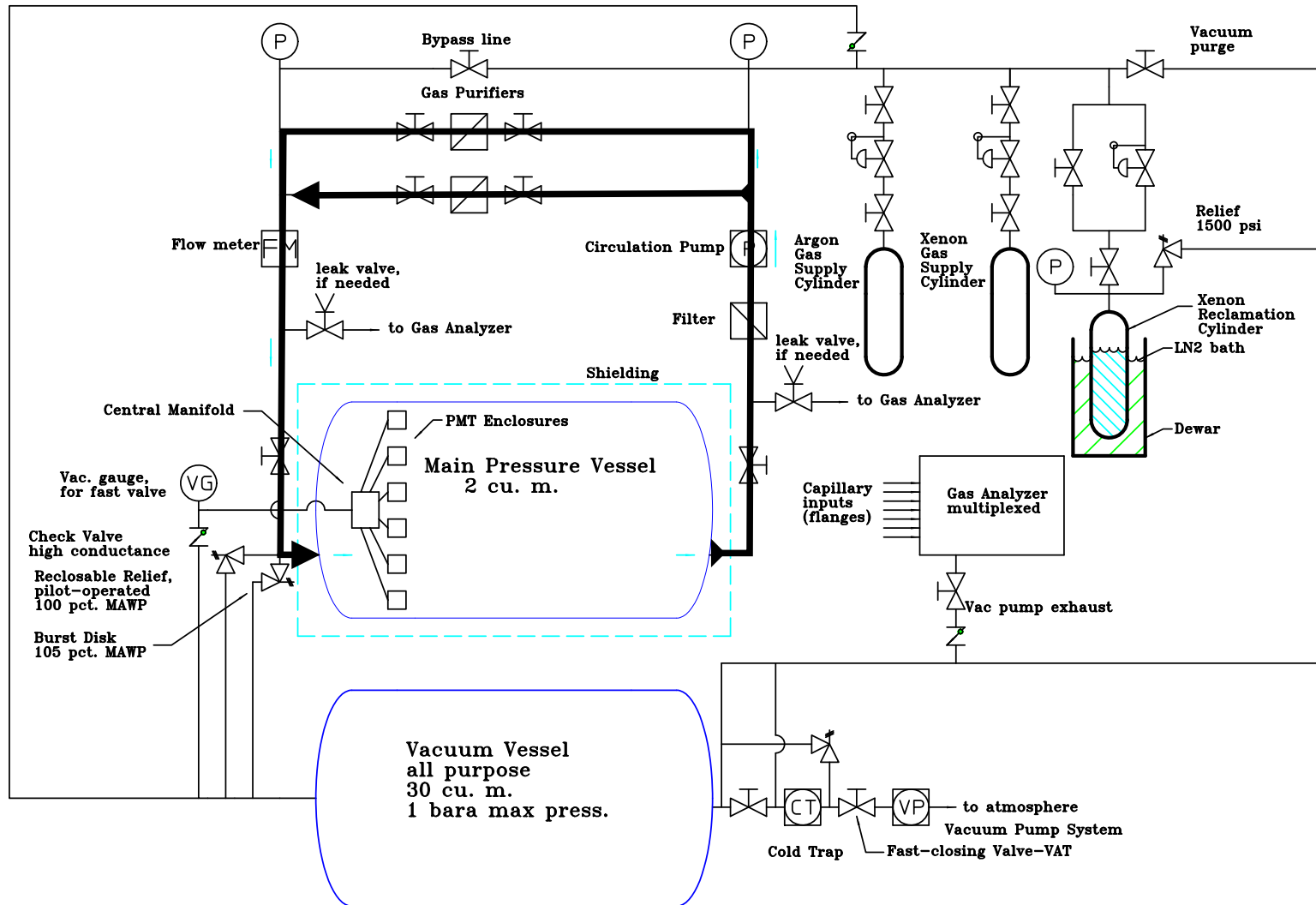
ZEPLIN

Gas System



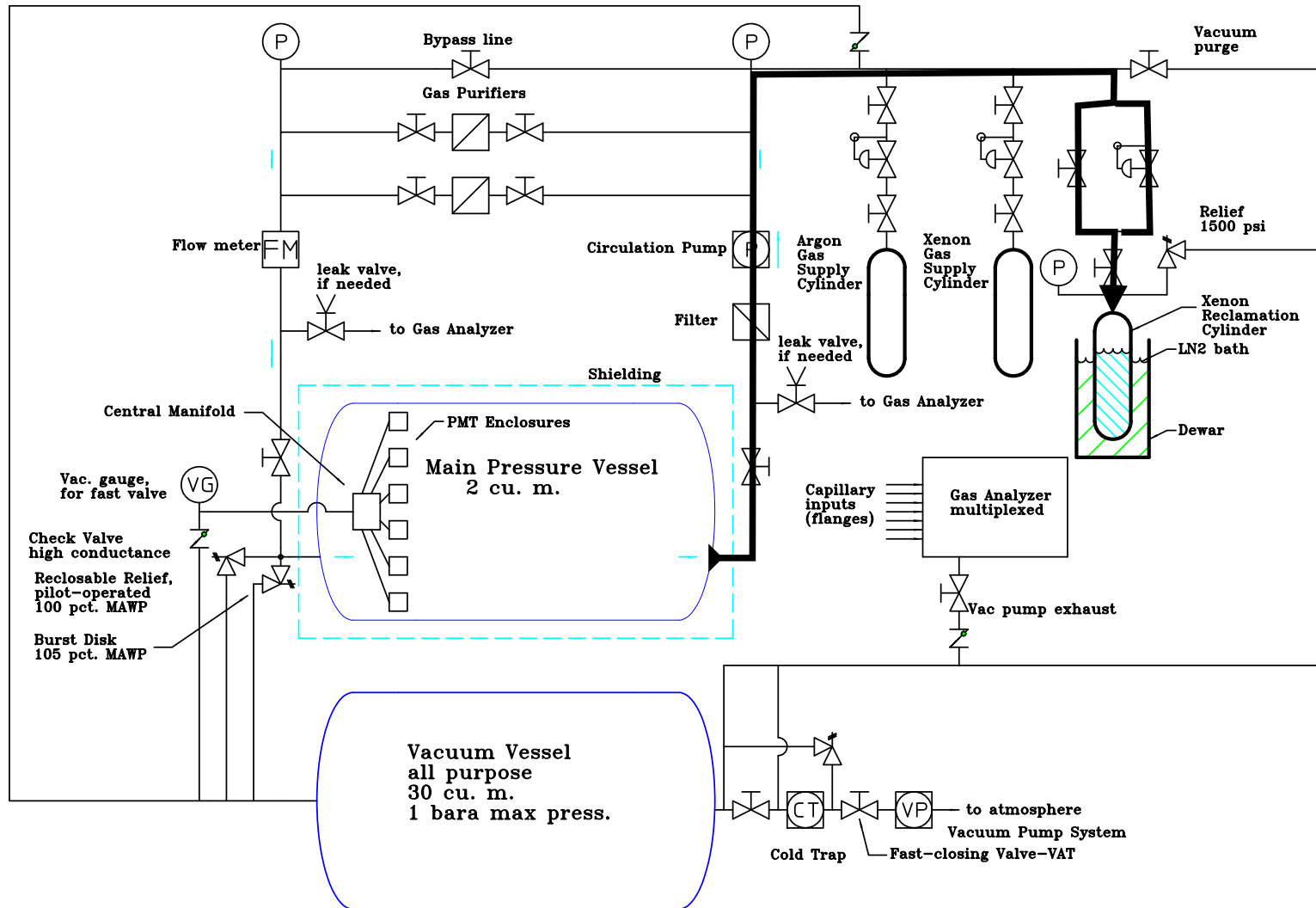
Gas System

Normal Operations



Gas System

Normal Evacuation



Gas System

Emergency Evacuation

