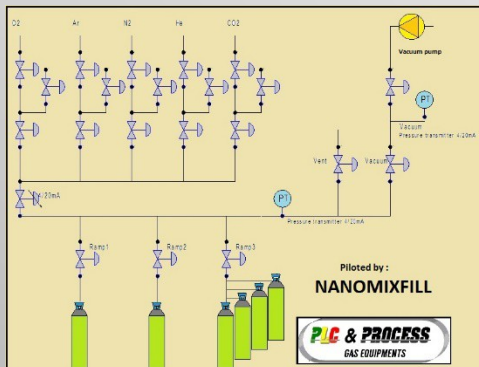


# NANOMIXFILL

Automatic filling system to pilot valves and manage sensors for gas mixtures skid



## Functions :

- Thermodynamic calculation for recipes
- Cycles saved on compact flash memory
- Industrial and medical applications
- HMI interface 7" with colour touch screen
- Automatic cycle "vent, vacuum, purge, vacuum, filling, end of cycle"
- Creation of recipes with interface
- Calculation of end pressure by temperature
- Calculation of cylinder temperature by pressure variation
- Manage the regulation valve 4/20mA
- Inform the operator when filling is completed
- Pilot the vacuum pump by 24Vdc signal for relay
- Pilot the vent valve
- Pilot the vacuum valve
- Pilot the ramp valves 1, 2, 3
- 4 analogic inputs (pressure and temperature)
- 2 analogic output for regulation valve
- 32 digital inputs 24Vdc
- 32 digital outputs 24Vdc

## Options :

- Traceability and recipes by PC software
- Vacuum pump interface up to 3Kw Tri phases
- Bar code reader for recipes up to 8 char
- Ethernet connexion for remote access