

MIXFILL

**AUTOMATIC FILLING SYSTEM, PREPARATION,
TRACEABILITY, TOPFILLING THERMODYNAMIC
CALCULATION**

The automatic filling system “Mixfill” is a PLC for gas mixture.

Functionalities :

- Valve position control
- Valve management
- Theoretical temperature calculation
- Full control of parameters
- Touch screen operator interface
- Traceability
- Start contact for pump
- End pressure calculation
- Topfilling calculation (for mixture)
- Weight mode available
- Cycle creation by touch screen
- Remote control access

Mixfill is a full system management for mixture panel and Mixfill contains lot of others functions. Don't hesitate to contact us for more details.



Treatments :

- Dynamic end pressure calculation
- Topfilling weight and pressure calculation
- Cycle creation and parameters
- Operator name management
- Traceability for the last 1000 events
- External communication (synchro, modem)

Mixfill provides :

- Switches to open or close valves.
- Switches to start pump
- Operator call light
- Fault light
- Etc....

Mixfill receives :

- PT100 sensor for ambient or cylinders temperature
- 4-20mA input sensor for leak detection
- 4-20mA input sensor for vacuum line
- Input for each valve position
- Etc....

Mixfill display :

- General pressure
- Ambient temperature
- Cylinder temperature
- Partial pressure calculated
- Full synoptic display
- Steps grafcet display
- Time and date