



DOSAPACK® PD

Cabinets/Panels for dosing of reactive liquids

SDM
DOSING AND MIXING
SYSTEMS

Providing Value to Technology

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PRINCIPAL CHARACTERISTICS

Conceived as a compact dosing unit, this set is supplied fully assembled, simply requiring anchorage of the unit and the necessary hydraulic and electrical connections.

The design of the DOSAPACK PD equipment includes all elements necessary, positioned in the appropriate manner in order to ensure optimum dosing processes.

The unit includes the following elements:

Basic elements in a standard model

- ✓ Cabinet/Panel.
- ✓ Dispensing pumps MILTON ROY.
- ✓ Pipes and interconnection elements.
- ✓ Service valves.
- ✓ Filter in suction manifold.
- ✓ Leak collection basin.
- ✓ Safety valve in dosing pumps MILTON ROY.
- ✓ G series (optional other models).
- ✓ 4 function valve in dosing pumps MILTON ROY series LMI, ROYTRONIC.



Sample photo

The materials of the elements and the connections will be defined in each case in accordance with the chemical compatibility of the product to be treated (possible options: PVC, PPH, PVDF, others).

The equipment design is modular, with the possibility of defining the following aspects:

- ✓ Configuration of open or closed panel with cladding.
- ✓ Number of pumps, up to a maximum of three with different configurations for suction and impulse:
 - 1 reactive pump.
 - 2 reactive pumps (1+1 reserve).
 - 1 reactive pump "A" + 1 reactive pump "B".
 - 3 reactive pumps (2+1 reserve).
 - Other configurations on consultation.

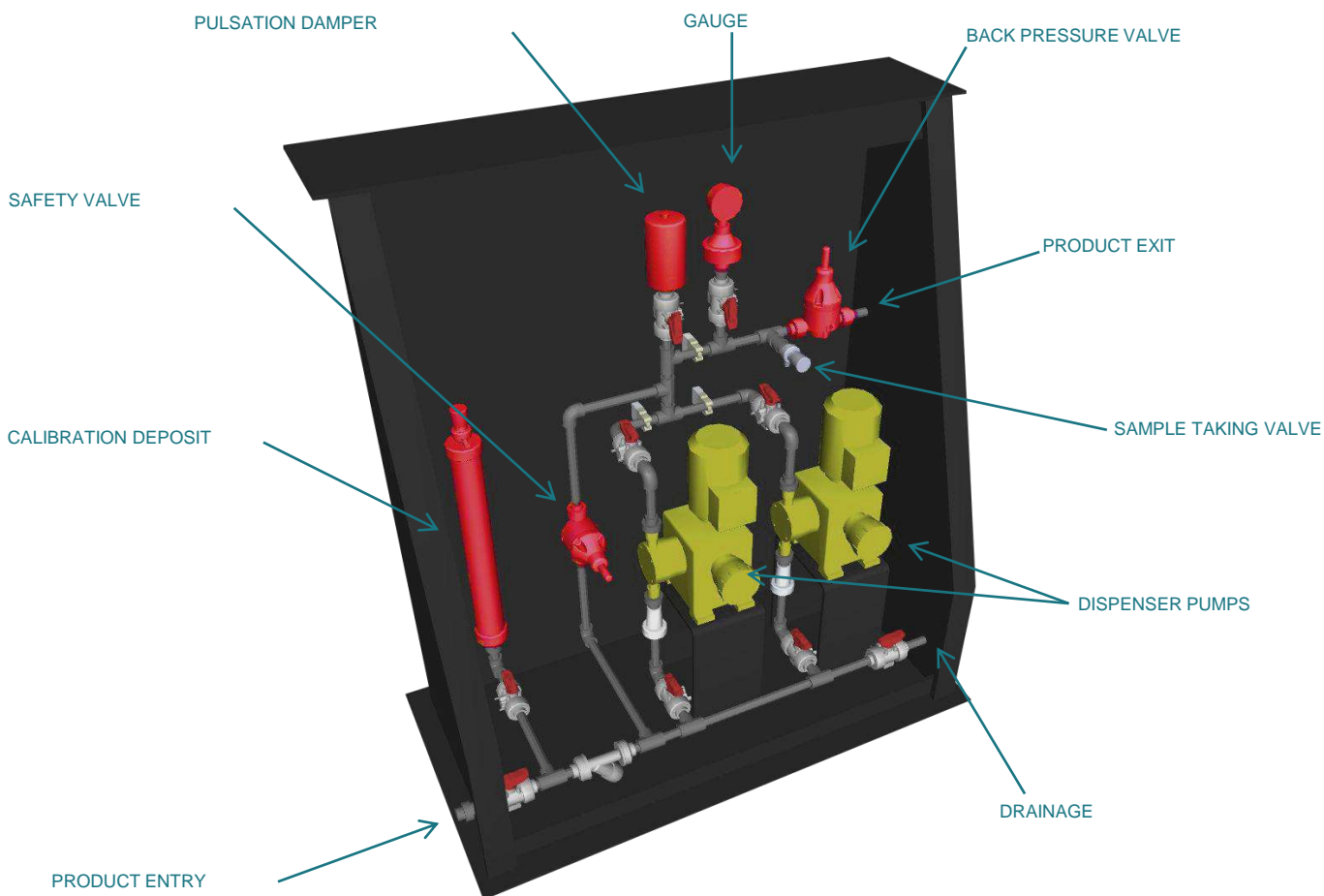


Sample photo

OPTIONAL

- ✓ Safety valve(s).
- ✓ Pulsation damper.
- ✓ Check valve.
- ✓ Calibration deposit.
- ✓ Separating seal gauge.
- ✓ Manual vacuum pump for pump priming in PVC (execution required for double wall).
- ✓ Fan heater for heating deposits.
- ✓ Sample taking valve(s).
- ✓ Control panel.
- ✓ Instrumentation in accordance with customer proposals.

All elements are assembled on an open or closed vertical panel with high density polymeric material with a spillage collection basin.



APPLICATIONS

The DOSAPACK PD equipment can be used for dosing any reactive liquid:

- ✓ Reagents used in water treatment
 - Coagulants
 - pH reducers
 - Conditioning reagents
 - Etc...
- ✓ Other types of reagents for industrial applications
 - Reagents for treatment of water in boilers
 - Reagents for treatment of cooling towers
 - Etc...

THE CORRECT DOSING OF REACTIVES REQUIRES A DISPENSING SYSTEM

Correct dosing ensures accuracy in the quantities added of reagents, thus optimising the use of the same.

Dispensation of reagents in the plant is a very important process with influence on the correct operation of the same.

A pre-installed dosing system provides:

- Necessary elements to ensure correct operation of the dosing pumps.
- Adequate disposition and assembly of the elements in accordance with the required service conditions.
- Easy launch of the reagent dosing at the plant.
- Protection of the dosing pumps and components from adverse weather conditions.

