



MODCON

SYSTEMS LTD

Sample Recovery System MOD-1200



The Sample Recovery System offered by Modcon designed to collect spent sample from on-line process analyzers and periodically return this sample back to the process lines.

SAMPLE RECOVERY SYSTEM ADVENTAGES

- MOD 1200 technology recovering spent product sample and saving customer money
- Fully independent work , system is not depends from other systems control
- Automatic system , no remote control is required
- Universal technology , fully compatible for wide range refinery products spectrum (gasoline , crude oil ,fuel oil and more)

SAMPLE RECOVERY SYSTEM MOD-1200

SYSTEM KEY ADVANTAGES

- 100 liter tank available in Stainless Steel (Other volumes upon request)
- Tank is equipped with sample connection to allow hook-up from one or more analyzers
- Tank is equipped with level switches to control the level in the tank. When liquid high level is reached, the sample pump turns "on". As liquid is pumped out from the tank, the preset low level is reached and the pump shuts down.
- Atmospheric vent for gas/vaporized sample releasing.
- Overflow vent for safety.
- Pump discharge press may reach up to 130 PSI.
- Pump bypass line equipped with relief valve to prevent overflow in the outlet line.

SAMPLE REQUIREMENTS

Discharge Flow Rate	15 liters/minute
Discharge Pressure	130 PSI
Sample Temperature	Less than 100° C

SIGNAL OUTPUTS

Alarm Relay	Low Low, High High relay signals
Area Classification	ATEX Zone 1

UTILITY POWER SUPPLY

Electrical	380 VAC / 50 Hz
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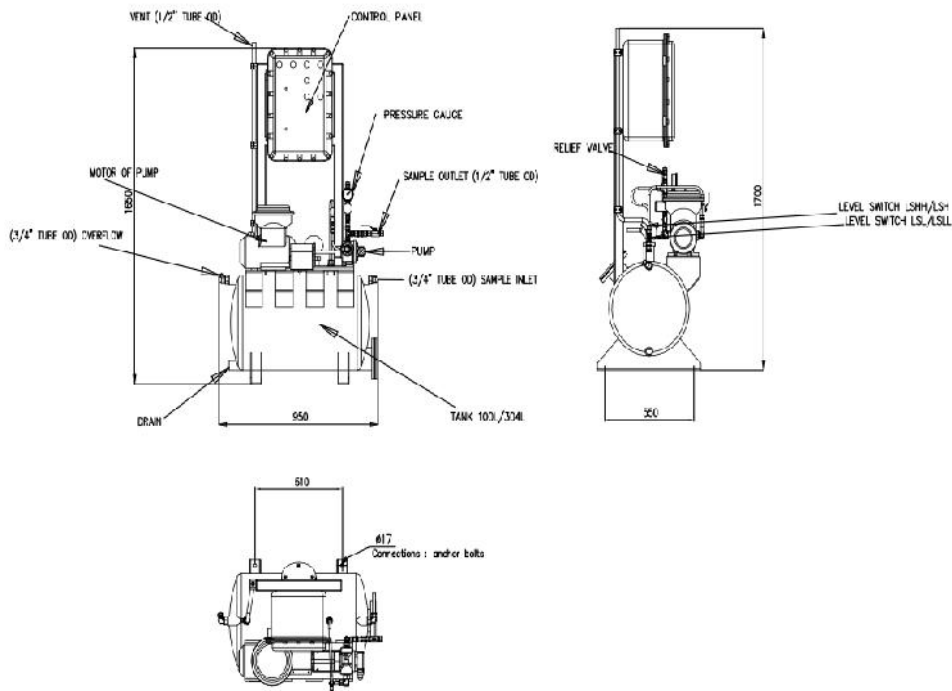
PHISICAL PARAMETERS

Tank Capacity	Standard configuration 100 liters (other options are available)
System Weight (approx.)	400 kg
System Dimensions	2000 H x 2260 W x 1400 D
Line tubes	1/2"

All sizes and construction materials can be modified by specific customer request

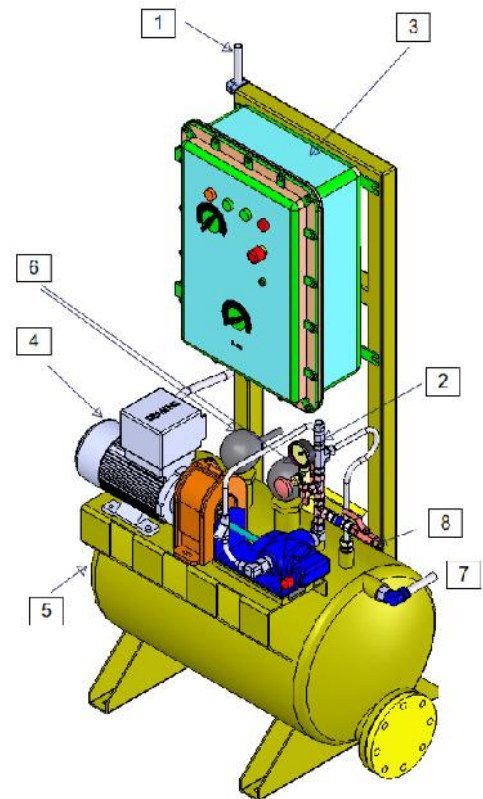
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RECOVERY SYSTEM ASSEMBLY



SYSTEM COMPONENTS

1- Vent	5- 100L tank
2- Pressure gauge	6- Level Switch
3- Control panel	7- In
4- Ex-pump	8- Out



SAMPLE RECOVERY SYSTEM MOD-1200

SYSTEM SUPPORT

- Installation and start - up
- 24x7 remote support
- Technical support for hardware and software
- One year guaranty for all the components
- Complex deployment of analytical Shelters and peripheral equipment



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