



CHEMFLOWTRONICS

1-LITER STAINLESS STEEL DISTILLATION SYSTEM

Chem Flowtronics is proud to introduce the **SEP-TRONICS-2:**
A Pilot Scale Reaction/Distillation/Separation system.

The compact flexible layout allows custom configuration to meet specific application requirements. The distillation system is ideal for scale up of bench scale processes, pilot plant operations, custom kilo scale operations and technician or operations training.

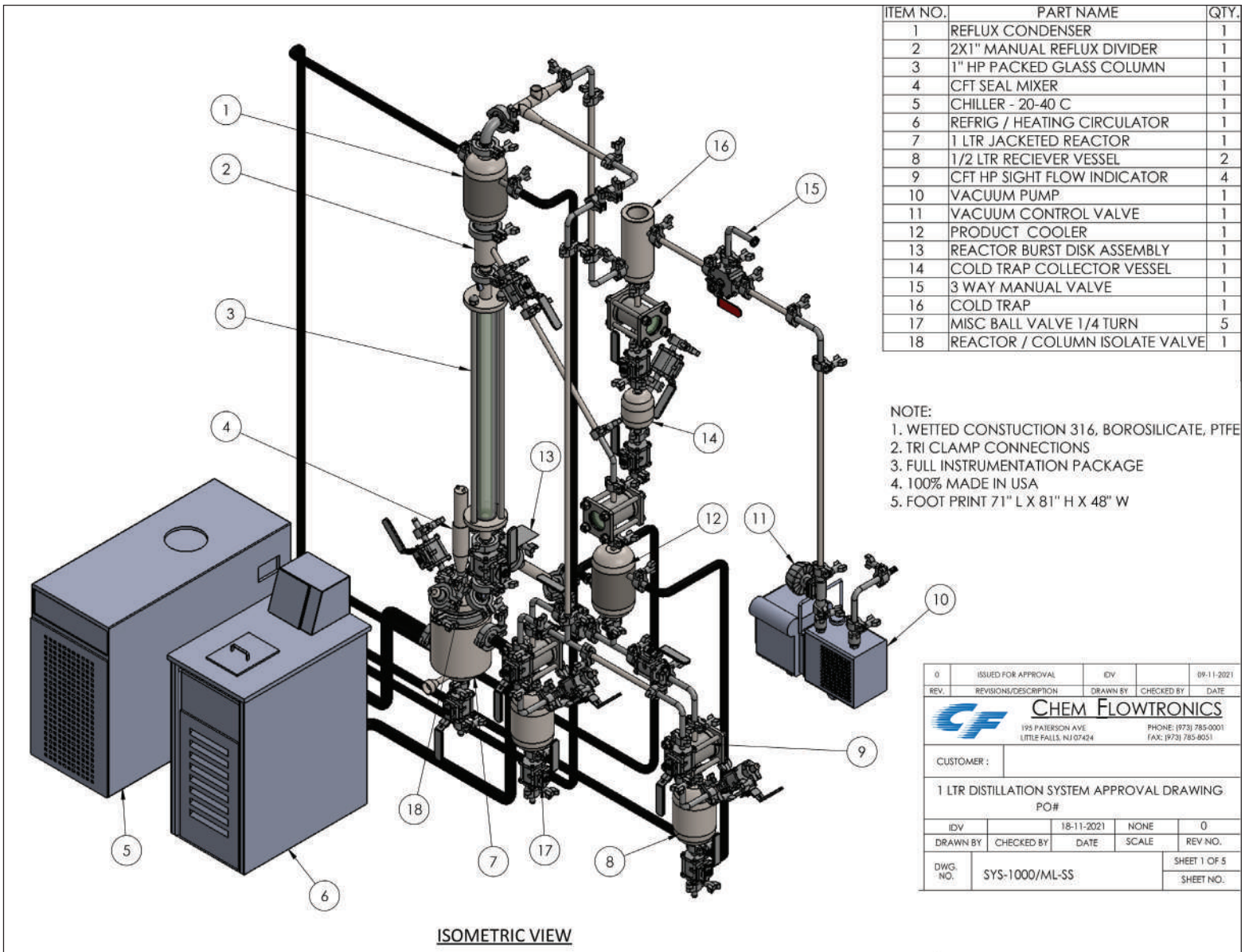
The instrumentation, HMI and data logging capabilities provide real time data and control along with that ability to view data trends and download process data for more detailed analysis.

THIS COMPLETE TURNKEY SYSTEM INCLUDES:

- 1-Liter 316L SS jacketed reactor with multiple nozzles charging port and equipped with burst disk
- 24" High Pressure Borosilicate Glass Packed Distillation Column
- System designed for 100 PSIG/6.8 BARG and Full Vacuum, Temperatures to 450°F/230°C
- 0.5 Ft² Main Coil Condenser with 0.45 Ft² Product Cooler
- Chem Flowtronics Reflux Splitter
- (2) ½ Liter Product Receivers
- Cold Trap for protection of vacuum system
- TRI-Clamp Construction to facilitate easy disassembly for cleaning and reconfiguration
- Full Instrumentation
 - Process Temperature RTD's
 - System Pressure Transmitter
 - Agitator Speed Display and Speed Control
 - PLC Controlled with Data Logging and Full Graphical Touch Screen Display
 - Expandable I/O and specialized integration available to meet customer specifications
- Optional Integrated Equipment
 - Vacuum Pump
 - Process Heating/Cooling Circulator
 - Chiller
 - Immersion Chiller for Cold Trap

For further info: www.chem-flowtronics.com

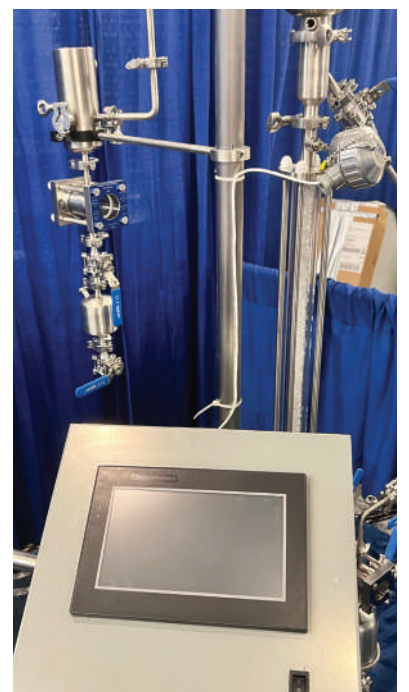
Contact: 973-785-0001 or email us at: info@chem-flowtronics.com



reactor



upper column



PLC controller