



BLOOD COAGULATION



Simple:

The Alloy-design Dual In Line Blood Coagulators are the picture of simplicity.

Easily Adjusted:

The Alloy Dual In Line Coagulator system uses *stainless steel* needle valves to regulate the quantity of steam injected into each coagulator.

Easily Maintained:

Since Alloy coagulators do not use moving parts and are constructed of *stainless steel* and high density polymers, service of the units is generally isolated to bi-annual replacement of the polymer coagulation tube. Daily or weekly cleaning is easy due to the incorporation of standard sanitary fittings for de-coupling the entire assembly.

No Moving Parts:

The Alloy Dual In Line Coagulator system offers coagulation without moving parts. Blood is both corrosive and abrasive. Therefore the Alloy design has *no moving parts* to corrode or wear.

Profitable:

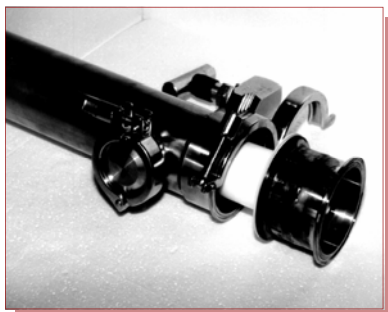
Alloy recognizes the high value of properly processed blood. For many operations it is the highest value product they process. At the same time, due to the high moisture content, blood is generally the highest cost product to process. Alloy Dual In Line coagulators provide the "*one-two punch*" required to make blood processing profitable.



10,000 pound per hour capacity, Dual In Line Coagulators, complete with serpentine coil. Stainless steel construction is standard.

The first coagulator unit conditions the blood, slowly and gently raising the temperature of the blood without destroying the available Lysine content. The second unit does the actual coagulation, providing a granular homogeneous, product for drying.

The Alloy coagulator system is a closed system, providing a high level of process control, reducing steam consumption and air pollution concerns, while isolating the blood from the external environment and additional contamination.



Elegant in it's simplicity, the Alloy coagulator is easy to adjust and easy to maintain.

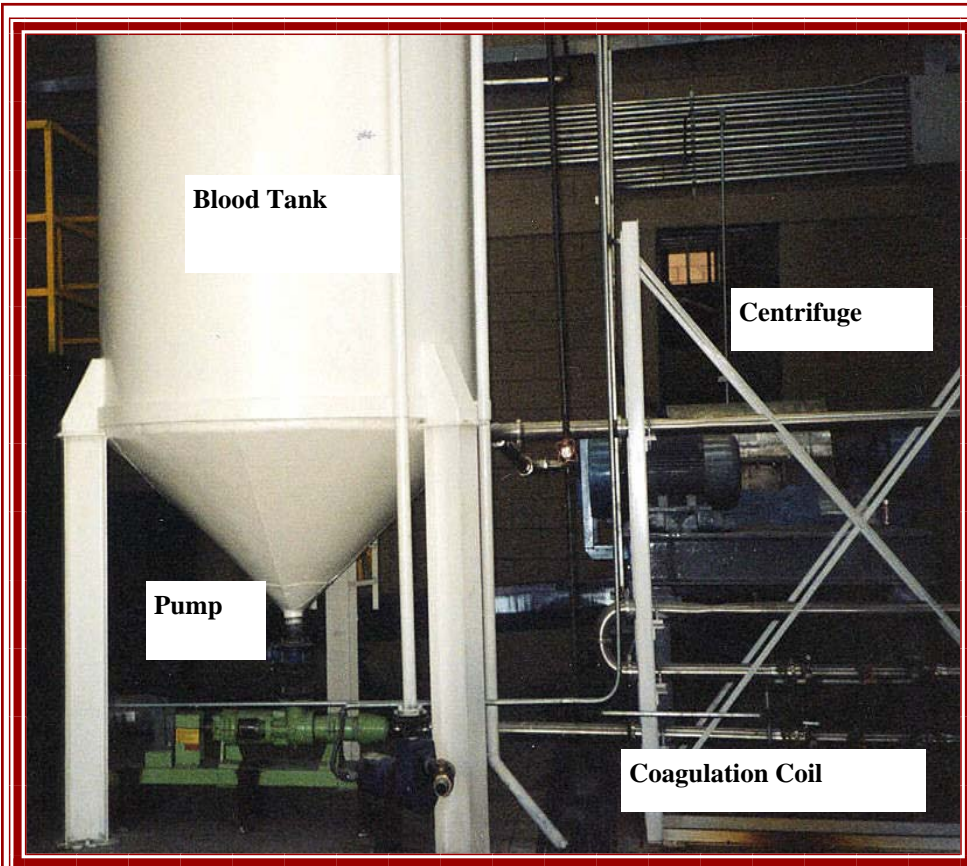
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Blood is one of the highest value products available to Renderers. When properly processed it can offer values four to six times that of meal. A complete Blood system typically includes an agitated blood tank followed by a positive displacement pump which feeds the coagulator. From the coagulator the coagulated blood is pumped to a centrifuge prior to drying. Smaller systems can use a screen in place of the centrifuge to reduce investment. Call Alloy to discuss improving your bottom line with a dedicated Blood System.

