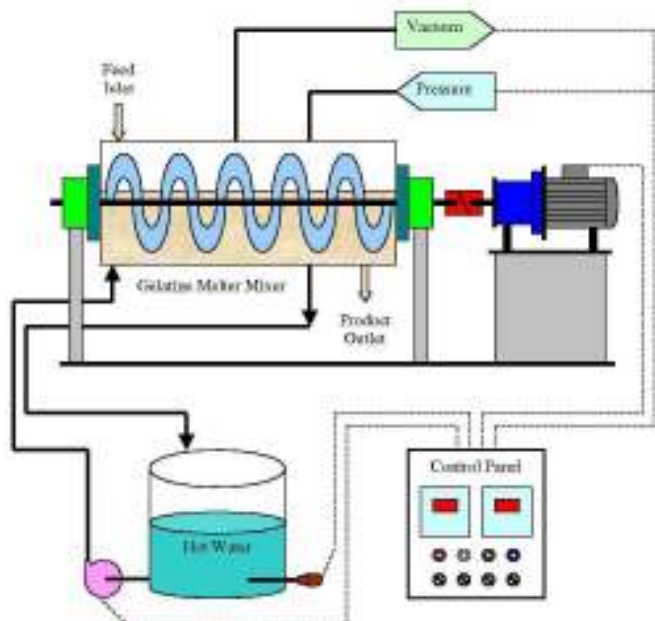


GELATINE MELTER MIXER SYSTEMS



We offer automated gelatine melting systems for use in the manufacture of various gelatine products such as soft gelatine capsules. These systems are used for melting & keeping in fluid condition, the gelatine granules used in the process.

The system consists of an agitated & jacketed reactor, with a PLC/SLDC-based temperature profile controller for selecting & controlling temperature of the gelatine in the reactor according to an optimised profile, & a hot water generation system operated on electricity/steam.

Ancillary equipments such as centrifugal pumps, vacuum pumps, piping & instrumentation, etc. form part of the package. A package boiler & compressor of suitable capacity can be supplied as part of the system, if required.

The equipments are mounted on a skid or operating platform as per requirements & site conditions. The standard range of sizes offered varies from 50 litres up to 1000 litres. However, other sizes can also be offered as per requirement.

The equipments are manufactured out of stainless steel AISI-304/316, with elastomers of PTFE, ethylene-propylene (EP) rubber, or silicone rubber, & are sterilizable in-situ with steam. Adherence to good engineering practices & conformance to cGMP/FDA norms during manufacture of these items ensures that they are perfectly suitable for sanitary/sterile pharmaceutical applications.

Salient features of our product are as follows :-

1. Available in a wide variety of sizes
2. Number of variants available (from basic economical model upto sophisticated computer controlled unit), as per budget
3. Variety of optional add-on attachments are available
4. Variety of on-line instruments are available for monitoring of parameters
5. PC-based process control with SCADA software is available
6. Available in various grades of stainless steel
7. Magnetic agitator is provided, which is ideally suited for aseptic processes
8. Easy to operate & clean
9. Compact, requires minimum floor space
10. Low noise & vibrations
11. Low power consumption
12. Low maintenance downtime & cost

Manufactured in India by :-

NAVIN PROCESS SYSTEMS

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