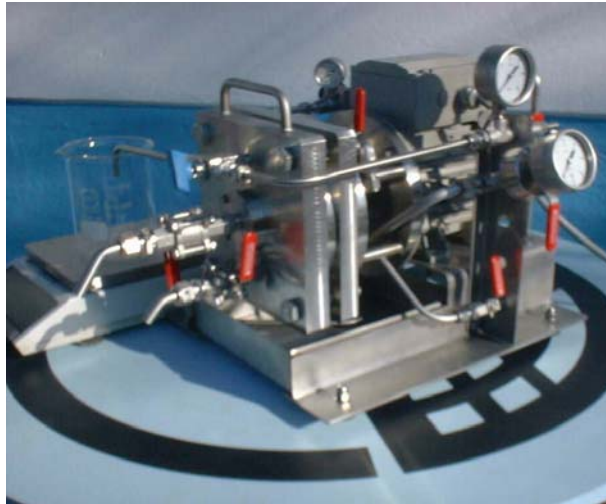


Lab Test Equipment for the Dynamic Cross Flow Filtration

Technical Data:

- filter area: 130 cm²
- variable filter medium thickness: ≤ 4 mm
- diameter of agitator: 140 mm
- max. filtration pressure: 7 bar abs.
- max. operating temperature: 120°C
- material: 1.4571 (filter)
1.4301 (support)
- dimensions:
L × W × H = 520 × 510 × 330 mm
- weight: approx. 40 kg
- depth of chamber: 22-30 mm (variable)
- adjustable gap to agitator: 3-5 mm
- drive: 0.55 kW / 400 V
- adjustment of speed through frequency transformer: 265-1750 rpm
- pressure/temperature measurement



DYNOTEST is made of only one filter chamber and enables the scaling up of a DYNO Filter or a DYNO Sieve Filter as well as a general analysis of cross flow filtration processes. Depending on the layout DYNOTEST can be operated in a continuous or discontinuous process.

DYNOTEST is characterised by the following features:

- small transportable lab filter (for installation in a hood)
- only small product samples required
- easy to transport
- variable depth of the chamber and gap between agitator and filter/sieve medium
- easy change of filter medium
- cooling or heating thanks to separate canals

Optional Features:

- automatic back flush
- automatic discharge of retentate
- adjustable slurry pump
- regulation of the feed pressure
- calculation and display of the filtration curve a PC
- record of temperature and pressure on a PC
- record of the control parameters on a PC
- double mechanical seal for high security requirements