

Pilot Filter for the Dynamic Cross Flow Filtration

Technical Data:

- filter area: 0.13 m²
- thickness of filter media: 0-2 mm (variable)
- diameter of agitator: 140 mm
- max. filtration pressure: 11 bar abs.
- max. operating temperature: 120 °C
- material: 1.4571 (filter)
- dimensions:
L x W x H = 1520 x 700 x 700 mm
- weight: approx. 230 kg
- drive: 3.0 kW / 400 V
- adjustment of speed through frequency transformer: 265-1750 rpm
- pressure/temperature measurement
- 5 modules inclusive 2 washing modules (input wash water)
- automatic solids discharge valve
- mounted on a movable frame



The DYNO Pilot filter is made of a modular filter chamber system and enables the production of small product amounts (slurry throughput approx. 10 - 100 l/h). Available as DYNO Membrane Filter and optional as DYNO Sieve Filter (inclusive back flush system). Continuous operation, clear filtrate, no product loss, continuous washing.

The DYNO Pilot filter is characterised by the following features:

- transportable pilot filter (e.g. for applications on different production sites)
- only medium-size product samples required
- easy handling
- individual change of filter medium

Optional Features:

- automatic back flush
- adjustable slurry pump
- regulation of the feed pressure
- explosion-proof version
- double mechanical seal for high security requirements