

POPE NUTSCHE FILTER-DRYERS

Pope's nutsche-type high purity filter system allows for solids filtering, washing, reslurrying and drying in a single vessel, reducing process time and worker and environmental exposure.

- ▲ Ideal for processing ultra high purity, pharmaceutical and hazardous materials
- ▲ Available in standard and customizable configurations
- ▲ ASME Section VIII certified
- ▲ Lab, pilot and production units in 2 - 200 liter capacities
- ▲ Portable for multi-application versatility
- ▲ Removable bottom head allows easy cake retrieval
- ▲ Aseptic/sterile designs (cGMP/CIP)
- ▲ Final cake moisture content to 1% is achievable
- ▲ Wide variety of filter media and pore-size offerings



VESSELS NUTSCHE-TYPE

POPE NUTSCHE-TYPE BATCH-CAKE FILTERS FOR:

- ▲ Ultra high purity applications
- ▲ Pharmaceuticals
- ▲ Fine chemicals
- ▲ Hazardous substances
- ▲ Biologicals
- ▲ Extracts
- ▲ Many other specialties

Portable 12", 8 gallon
Nutsche Filter with mixer.
Stainless steel vessel with
Teflon-coated interior.
Shown with optional
360° rotation capability.



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Vessel Features:

ASME Section VIII Coded, butt-weld construction with fittings welded both inside and out.

Materials of Construction: 316L Stainless Steel. Other alloys including Hastelloy, Titanium, etc. available (any machinable metal)

Optional Coatings: Teflon, Halar, Kynar and others

Ports: NPT, Sanitary, ANSI Flanged, others as required

Fittings/Components: Sight Glass, Inspection, Temperature, Pressure, Feed, Drain, Purge, Vent, Relief, Sampling, Instrumentation and others

Finish: 2B mill finish standard; Optional pharmaceutical grade mechanical polishes and electropolishing available

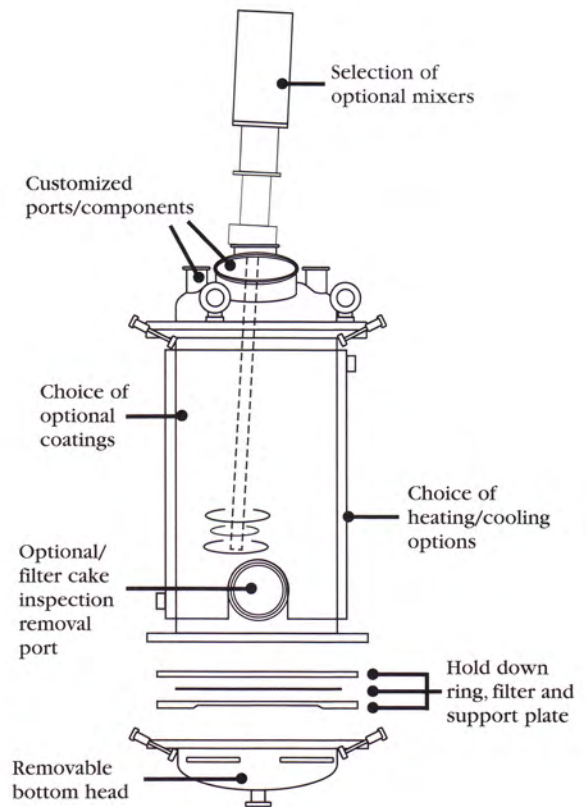
Agitator: Pneumatic or Electrical with interchangeable shaft extensions and impellers. Crane Type 8 standard seal

Heating/Cooling: ASME jacketing, internal coils or electric heating jackets

Sizes:

Inside Diameter:	9"	12"	18"	Others
Capacities:	1 - 7 gals	6 - 16 gals	10 - 50 gals	On request
Max. Temp./Pressure:	300° F/175psi	300° F/130psi	On request	On request
Delivery:	10 - 16 weeks after drawing approval			

Vessel and wetted components can be coated as required per application.



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