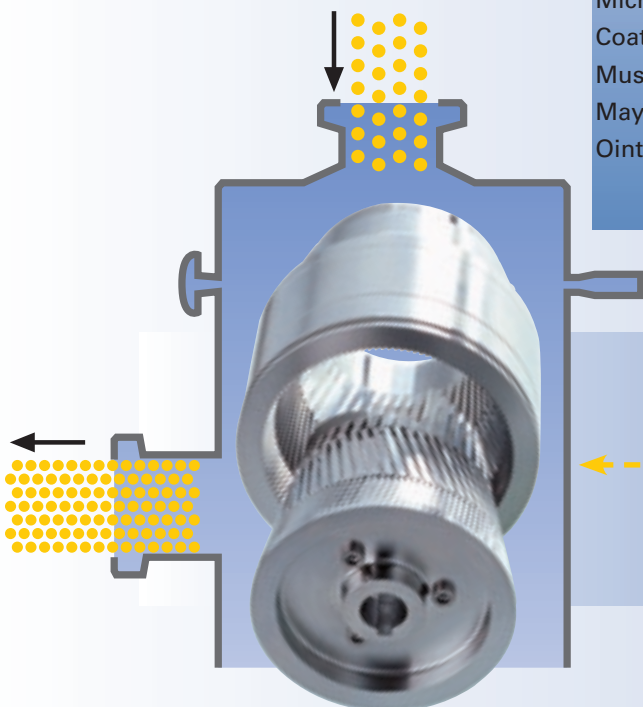


MK 2000/...

Applications

Colloidal solutions
Micro-suspensions
Incorporation of pigments
Metal-oxide suspensions
Micro encapsulation
Coating masses
Mustard
Mayonnaise
Ointments



The colloid mill MK 2000 is especially used for the production of colloidal solutions, i.e. extremely fine suspensions and also emulsions. Besides with high speeds and small gaps the MK is working with friction. Therefore one is talking about wet-milling. The cones of rotor and stator have a large gap width at the entrance and a very narrow one at the exit. Additional deviations in the course of the generator cause increased turbulences. A very efficient milling geometry, best surface finish and excellent material qualities are distinguishing characteristics of the MK 2000. Other process parameters like for DISPAX-REACTOR® DR and DRS.

Type	Size	Max. flow capacity, ref. H ₂ O l/h	Drive speed 1/min	Motor power IP 55 kW	Connections inlet/outlet
Colloid Mill					
MK	2000/4 LABOR-PILOT	30 – 300	3.160 – 13.750	1,5	DN 25 / DN 15
MK	2000/05	2.500	5.800	5,5	DN 40 / DN 32
MK	2000/10	7.500	4.200	15	DN 50 / DN 50
MK	2000/20	20.000	2.850	37	DN 80 / DN 65
MK	2000/30	40.000	1.420	55	DN 150 / DN 125
MK	2000/50	80.000	1.100	160	DN 200 / DN 150

Distribution range

