

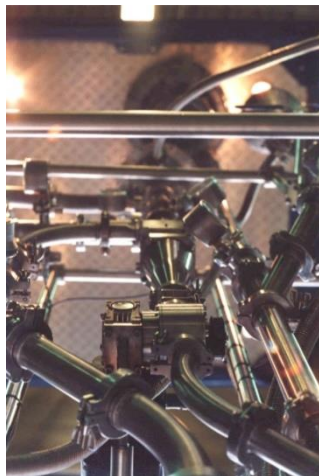
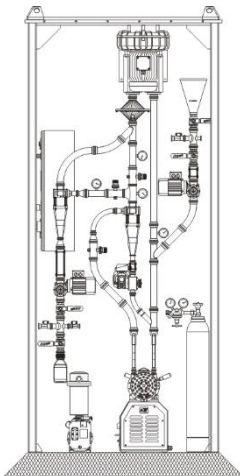
Simoloyer® CM01-s1

HKP for making Nanostructures

batch operation, auto-batch, semi-continuous

Application

Simoloyer® type -s1 for semi-continuous processing with aerodynamic separation and in-situ classification, particularly for rapid particle size reduction of brittle solids such as superfine enamel and high performance cement (FuturZement) as well as for rapid manufacturing of ductile metal flakes. Experimental unit VS01 with two interconnected carrier gas circuits, primary & secondary for ramp classifying.

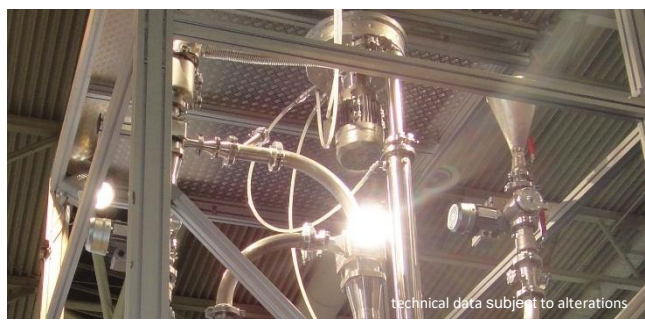


Advance

Closed carrier gas system, controlled atmosphere • in-situ separation/classification over (a) particle shape and (b) particle mass • all drives integrated in Maltoz®-software/PLC • exorbitant kinetic increase due to in-situ extraction of fine fraction • superfast processing times.

Dimensions VS01

VS01 only (CM01 > 3kW)	5kW, 400V, 3-phase, 20A
LxWxH, space required 5m²	1.520x1.520x2.920mm
VS01 weight (without CM01)	600kg



technical data subject to alterations