

Passivation Container RBP*

Application

material container for controlled passivation of reactive powder materials after HKP under inert gas or vacuum:

- standard-KF-ports appropriate for CM-air-lock systems
- loading batch-wise right from the Simoloyer under completely controlled condition
- agitator-flaps and rail-rings for enlarged homogeneous surface exposal e.g. on roller-mills
- transition without shading with free gateway
- steep cone-angle at loading/unloading side

Options / accessories

- gassing-valve with manometer (gas-feeding control)
- temperature-, pressure- und oxygen measurement
- safety valve and/or rupture disc
- KF-air-lock DN*
- roller-mill RM*, container-track DV63*



passivation container RBP50 equipped with air-lock DN50KF, gassing-valve and evacuation unit at a container-track/manipulator DV63-01 in front of a Simoloyer CM20 at Al-matrix material manufacturing



RBP50 placed on a roller-mill RM20 by DV63-01 for controlled passivation of Al-base materials



handling of high reactive material: 5 units RBP50 at vacuum-pump station

technical data, dimensions			
unit-size	RBP5	RBP20	RBP50
Simoloyer	CM01-CM08	CM08-CM20	CM20-CM100
volume [l]	5	20	50
port 1a (loading/unloading)	DN40KF	DN50KF	DN50KF
port 1b (maintenance)	D153	DN50KF	DN50KF
port 2 (gassing)	2x DN16KF		
D x L (roll-cylinder) [mm]	195 x 280	300 x 385	400 x 485
unit-length Lg [mm]	350	532	682
net weight [kg]	8	16	24
material	stainless steel 1.4301		
definition example	passivation container RBP20		
appropriate container-track	DV63a	DV63-01	DV63-01
appropriate roller-mill	RM1	RM20	RM20

technical data subject to alterations