

# Rollermill RM1-GB

## - inside glovebox -

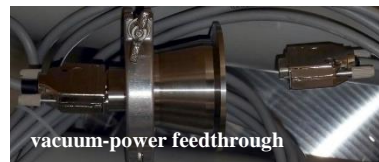
### application, motivation and spectrum

Crushing, mixing, dispersing, homogenizing and passivating at low to medium kinetic - describes the utilization of roller mills. Years ago, such requirement also arose in Zoz laboratory operations. The market provided these comparatively simple devices, but at appropriate appearance and flexibility for laboratory use. The Zoz RM1 roller mill was born, followed by the RM20 and various special types, e.g. for direct installation in a glovebox or versions with protective hood and soundbox. Processing container spectrum under constant expansion towards customer orientation.



### RM1-GB, special feature

Made for the installation inside a glove box, the roller unit (RE) and the control unit (ELST) are physically separated, ELST remains outside. All cable connections via vacuum power feedthroughs (at glovebox-wall).



### technical data, dimensions

L x B x H (RE)	820 x 210 x 175 mm
L x B x H (ELST)	500 x 500 x 210 mm
net-weight (RE)	37 kg approx.
net-weight (ELST)	20 kg
load max.	12.5 kg
proc.-container D x L	ø50-300 x 500 mm
proc.-container volume	0-16 liter
roll-length usable	550mm
roll-diameter	ø50/54mm, rubber lined
roll-range	120mm variable, 1x fixed, 2x flanged wheels
roll velocity	0-300 rpm <sup>1</sup> , variable 75 rpm at <sup>1</sup> m <sub>max</sub>
drive (tooth-belt)	0.09kW, 3.4A, 230V
electrical control	time & speed control



### options / accessories

Protection hood • universal holder • temp.-measurement  
 • glovebox-version GB • processing container in stainless- and wear-resistant steel, glass, porcelain, var. ceramic and plastic as well as steel base container with rubber coating or inserts / linings PTFE, WC-Co and ceramics • Steel or steel base container with air-lock ports and side adapter for vacuum and/or inert gas ops. and controlled passivation.

technical data subject to alterations