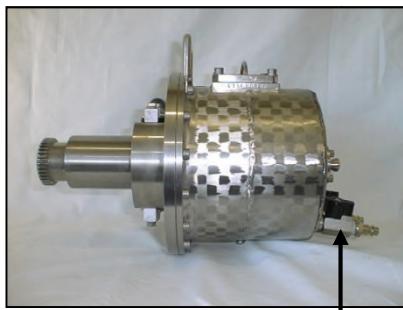


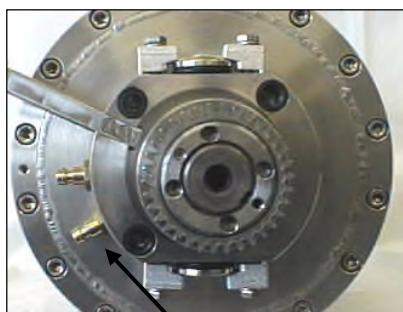
Grinding units

Simoyer® CM01

modular type B



grinding unit W01-2lm
(with cooling vessel)



flange
(with cooling flange)

Technical data		
extra features	Separated cooling system of pre-seal unit from flange & vessel allows non-cooling or use of hot or cooled medium in the double-jackets of flange & vessel	
application	Medium - High Temperature Operation, Reactive Milling, Bonding as well as Low Temperature Operation	
size/type	W01-1lm	W01-2lm
net weight	12 kg	14 kg
nominal volume	1 liter	2 liters
nominal power	2.2 kW/l	1.1 kW/l
maximum relative velocity	10.9 m/sec	10.9 m/sec
cooling system pre-seal-unit	water, G $\frac{1}{8}$	
cooling system flange	via vessel	
cooling system vessel	water, G $\frac{3}{8}$	
heating system vessel	water/oil, G $\frac{3}{8}$	
heating system flange	via vessel	
atmosphere	vacuum, inert-gas, air	
airlock system main port	NW45	
airlock system aux. port	NW18	
continuous ports Z01-Z04	no	
airlock system	DN40	
operation pressure	1×10^{-4} mbar - 2 bar	
operation temperature	-20 – 150°C	
operation mode	batch (semi-continuous)	
material vessel	stainless steel 1.4301	
material rotor	stainless steel 1.4301/Stellite®/THM	
recomm. grinding media	100Cr6, (1.4401)	
loading rates:	(HEM, MA, RM)	
grinding media, Ø ≤ 5mm ¹⁾	1-2 kg	2-4 kg
product < 4mm ¹⁾	50-200 g	200-400 g

¹⁾: depending on application

technical data subject to alterations