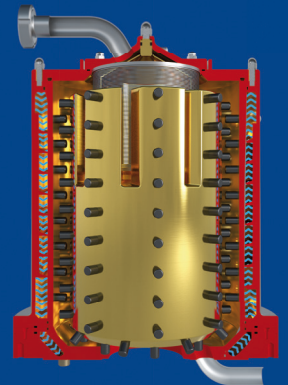


KREIS-CONTINUOUS-MILL® Type KCM

**New
development**

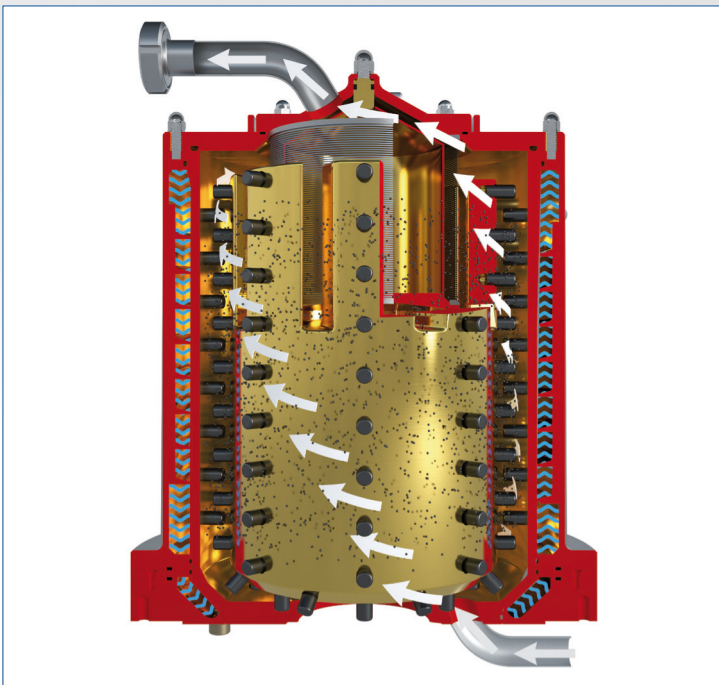


- High-performance bead mill
- Annular gap technology
- Innovative centrifugal grinding beads separation
- Grinding chamber volume up to 32 litres



■ **Fine grinding in continuous operation
up to nanolevel**

■ **MADE BY NIEMANN
MADE IN GERMANY
S I N C E 1 9 6 3**



	KCM 48*- 5.4 FU	KCM 491*- 41 FU	KCM 790 - 75 FU	KCM 1500*-150 FU
Grinding chamber volume [l]	1.5	8	16	32
Driving power [kW]	4	30	55	110
Flow rate [l/h]			up to 6.000	up to 12.000
Grinding beads separation	bar sieve	bar sieve	bar sieve or dynamic separating slot	bar sieve or dynamic separating slot
Grinding media				
Grinding media diameter [mm]	≥ 0.1	≥ 0.1	≥ 0.1	≥ 0.1
Grinding media recommended	KREISIT®	KREISIT®	KREISIT®	KREISIT®
Cooling				
Stator (cylinder)	•	•	•	•
Stator (base)	•	•	•	•
Other				
Integrated assembly aid		•	•	•
High-strength low-wear materials	•	•	•	•
Grinding pin in rotor and stator	•	•	•	•
New intuitive handling (KD-TOUCH 16)	•	•	•	•

* product type is currently under development

Options:

- Ex II 2 G Ex h IIB T4 Ga/Gb
- Grinding media in various qualities
- Grinding beads KREISIT®
- Bar sieve or dynamic separating slot
- KB-MILL-CONTROL® – recipe-driven semi- and fully automatic PC/PLC control
- Flow monitoring

Special features of the KCM:

- Grinding media sizes already from 0.1 mm
- Rotor and stator with high-strength grinding pins
- Highly efficient grinding chamber and base cooling
- Small amount of grinding media
- Extremely high energy density in the annular gap
- Fine grinding up to nanolevel
- Exchangeable separator head at filled machine
- New intuitive handling
- Integrated assembly aid for rotor and stator



≡ KB-MILLcontrol® ≡

≡ SPEED control ≡

■ MADE BY NIEMANN
■ Premium Class Service

PB-GB 08/2022



Tel 01442 876 777

Email sales@fullbrook.com
www.fullbrooksystems.co.uk

WILHELM NIEMANN
MASCHINENFABRIK

DISPERGIER- UND FEINMAHLTECHNIK

www.niemann.de

