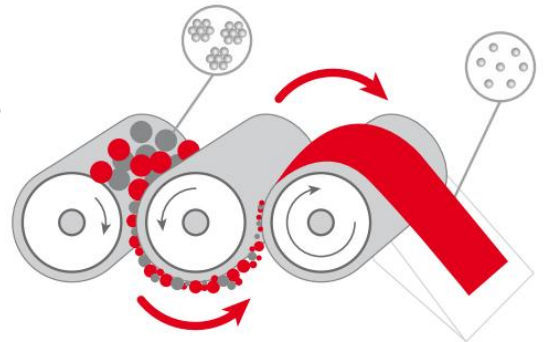


Three Roll Mill

It uses shear force created by three horizontally positioned rolls rotating in opposite direction and different speeds relative to each other, in order to grind, disperse and homogenize.



Key Technology

Concentricity (coaxiality)

Take the axis to mount the bearings of both sides as a benchmark, the variation of ceramics overall size (corresponding axis) (unit: μm)

Straightness

Roller is produced via processing technic, roller's straightness closes to the level of physically absolute straight line.

Surface Finish

At the micro-scale, material's microscopic level on the solid material's processing surface closes to the level of theoretically absolute level condition (thinner the dimension, little the drop, higher the degree of finish).



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Product features

- High precise(Minimum 1 μ m,depend on materials)
- Import nanoscale ceramics roller
- Easy-cleaning roller
- Hopper (option)
- Adjust the gap between two rolls by single handle moment balance,easy to operate
- Ceramic roller precision:concentricity<2 micron、Straightness<2 micron、Surface finish<0.3 micron



XD-20-80

Technical Specification

Equipment Type	XD-20-80
L/hour	0.02-20L/hour
Roller Material	Al ₂ O ₃ /ZrO ₂ /SiC/Si ₃ N ₄
Scraping knife material	ZrO ₂ /Stainless/Polyester
Roller Diameter	80mm
Roller Length	200mm
Ratio of Transmission	1:3:9
Equipment Type	Servo motor
Option	Heating and cooling design for the rollers
Power,Voltage	1.5KW,220V
Dimension (mm)	L604×W424×H495
Net Weight	75kg



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Product features

- High precise (Minimum 1 μ m, depend on materials)
- Import nanoscale ceramics roller
- Easy-cleaning roller
- Hopper(option)
- Touch screen
- Ceramic roller precision: concentricity < 2 micron、 Straightness < 2 micron、 Surface finish < 0.3 micron



XD-20-80E Plus

Technical Specification

Equipment Type	XD-20-80E Plus
L/hour	0.02-20L/hou
Roller Material	Al ₂ O ₃ /ZrO ₂ /SiC/Si ₃ N ₄
Scraping knife material	ZrO ₂ /Stainless/Polyester
Roller Diameter	80mm
Roller Length	200mm
Ratio of Transmission	1:3:9
Equipment Type	Servo motor
Option	Heating and cooling design for the rollers
Power, Voltage	2.0KW, 220V
Dimension (mm)	L835 × W506 × H522
Net Weight	111kg



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