

Product Name :
COLLOID MILL**Product Code :**
NMCBS138024**Description :**

COLLOID MILL Useful in homogenizing dispersing, mixing more rapidly comminuting and finer emulsifying to give better results with an extremely high quality. Colloid Mill is available in plain as well as water jacketed model COLLOID MILL, Pharmacy Equipment exporters, Pharmacy Equipment manufacturers

Technical Specification :

A machine that is used to reduce the particle size of a solid in suspension in a liquid, or to reduce the droplet size of a liquid suspended in another liquid.

Colloid mills work on the rotor-stator principle: a rotor turns at high speeds (2000-18000 RPM)

The resulting high levels of hydraulic shear applied to the process liquid disrupt structures in the fluid.

Colloid mills are frequently used to increase the stability of suspensions and emulsions.

Higher shear rates lead to smaller droplets, down to approximately which are more resistant to emulsion separation.

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