



SUBMERSIBLE MEDIA MILL, SERIES 2015

Dantco Batch Basket Mills offer efficient grinding and dispersion capability with time saving, quick cleaning and higher finished product uniformity.

Features:

- Small grinding chamber
- Chamber filled with media
- Grinding basket stationary
- Milling shaft with top axial flow, pump disk, milling assembly with pins, and bottom high shear blade rotates at high speed.
- Milling assembly agitates, refines and moves media inside the basket creating a rolling vortex within the basket.
- High shear blade at tip of mixing shaft generates needed dispersion.
- Top pump disk and bottom shear blade generate effective circulation of the mill base.
- Mill base goes through the basket many many times, to assure uniform and maximum particle reduction and dispersion in the shortest period of time.
- As the shaft rotates, the separation of the media/mill base is assured by a screen (sieve) integral to the bottom of the milling basket.
- Top picture shows the basket mill submersed and at rest.
- Middle picture shows the mixing shaft rotating at mid speed and the basket completely submersed.
- Bottom picture shows the vortex generated by the highest shaft rotational speed where maximum movement of the mill base passes through the energy zone of the vortex and it is forced through the media in a radial flow.



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