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(57) Abstract :

The Ball Mill is used for milling of drug substances that is important for drugs during the production of dosage forms. The process works on the mechanism of impact and attrition which can be a noisy process with wear of steel balls and casting and also drug wastage due to sticking on the balls during product separation. The Modified Ball Mill equipment is used for milling of drugs with reduced noise by lining the inner surface of container with rubber and using a detachable sieve for the easy product removal preventing wastage providing accuracy in obtained results. Briefly, the coarse drug is placed in the rubber lined container along with steel balls reducing noise and reducing wear of steel balls with casting. The container is closed with cap and operated at optimum speed. While removing the product, a detachable sieve is attached removing the cap that helps in easy removal of the product preventing balls inside the container. This helps in preventing wastage of product and accurate results can be obtained.

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