

We are at your service !

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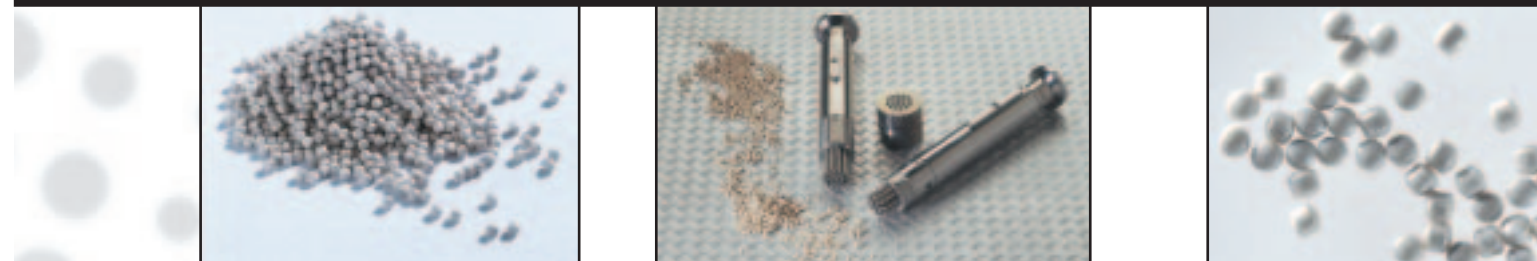


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Your Partner for

MICROTABLETTING



FOR MULTI UNIT DOSE PREPERATION

Microtablets are characterized by tininess and precision. They are qualified for:

- > rapid release
- > quick release
- > prolonged / sustained release
- > delayed release (e.g. by enteric coating)
- > individualized dosing of APIs; **Tab-DroPS®**

Specific Advantages:

- Combination of different galenic principles and different active pharmaceutical ingredients in one dosage form (capsule)
- The particular pharmaceutical formulation as microtablets takes due account of the physiological digestive processes (transportation) in the gastrointestinal tract

Suitability:

- Microtableting technology associated with the specific NORDMARK know how is basically suitable for most APIs capable for conventional tableting!

DEVELOPMENT · VALIDATION · PRODUCTION

BIOLOGICALS &
PHARMACEUTICALS



>>> Microtableting

Nordmark produces biological active pharmaceutical ingredients and finished medicinal products. We sell our products world wide.

Aside from production our departments for pharmaceutical development and process development elaborate innovative solutions and products for our customers and continuously improve production processes for active pharmaceutical ingredients and galenic formulations.

Microtableting...

... is a specific pharmaceutical technology developed by Nordmark more than 20 years ago and was first used in the formulation of Pancreatin - containing finished medicinal products. This means more than 20 years of experience regarding microtableting technology!

Each microtablet has the exact dimensions of 2 mm in diameter and height.

Stainless steel tools enable the hightech tableting machines to produce two million microtablets per hour.

Each microtablet has a defined content of active substance - in contrast e.g. to pellets – and thus complies to the requirement of Ph. Eur. concerning „Uniformity of Mass“. Therefore they are suitable for highly individualized dosing, for example on a per kilogram of body weight basis for pediatric use or in any other case when accurate titration of therapeutic dosing is recommended.

Last but not least microtableting enables the reformulation of conventional tablets or sugar coated tablets to establish a basis for an economical lucrative product repositioning with potential benefits in terms of communication strategies, competitive advantage and patent situation.



Pharmaceutical Advantages:

- every microtablet contains an exact amount of API; the mass complies to the requirement of Ph. Eur.
- different APIs in one capsule (combined / composite drugs)
- different galenic formulations in one capsule, e.g. quick plus prolonged and/or delayed release
- faster release of APIs in comparison to same amount of actives in conventional tablets

Therapeutic Advantages:

- exact dosage enabled by a numbered quantity of microtablets in capsules of adequate size
- the particular pharmaceutical formulation as microtablets takes due account of the physiological digestive processes (transportation) in the gastrointestinal tract
- individual dosage (e.g. in growing children) by administration of a numbered quantity of microtablets of an appointed drug e.g. according to body weight or in any other case when accurate titration of therapeutic dosing is recommended.

- Microtablets combine the advantages of both solid and liquid formulations



- > exact and individual dosing
- > easy handling and swallowing
- > no preservatives
- > assured stability

- exact dosing especially by means of a suitable measuring aid - e.g. the dosing spoon patented by Nordmark.