

T TECNOLOGIA MECCANICA

fluid jet micronizers

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Tests and Trials

Introduction

Every technician involved in the ultra fine powders field knows that the micronization process is critic, expensive and definitely complicated. Even if a technician tries to find a solution into the milestones of the enormous literature about size reduction there is no sound theory comparable to those existing for the other industrial processes and consequently this leads to face the problem empirically and by years of experience.

Tecnologia Meccanica, thanks to its wide experience in micronization field, has addressed these troubles providing to its perspective customers a free of charge support on the process side with the following services:

- rheology test
- micronization trial

The rheology test is a set of special destructive and not destructive trials developed in house aimed to the product physic characterization, this test allows us in committing ourselves with the specific customer micronization process carried out in our machines.

The micronization trial consists of a contract micronization service which can be carried out in not cGMP or in cGMP testing centre depending by product quantity and product nature.



In the next sheets it is given detailed information about our Test & Trial policy for:

- RHEOLOGY TEST
- MICRONIZATION TRIAL

Rheology Test

This test is completely free of charge, the customer has to send us:

- A sample of 100 g average quality product
- Material safety data sheet
- Chemical analysis report (if available)
- Particle size distribution report (if available)

These tests are destructive and no product will be returned back, nor it will be delivered back a report because the carried out analysis is part of our know-how for dimensioning the milling chamber.

Soon after this study we will be able to guarantee 100% the process to the customer and commit ourselves that the supplied machine will full fill 100% the customer process request.

The test takes about one week, depending by our testing centre availability.
The test is destructive and no product will be delivered back.

Micronization Trial

This test is completely free of charge only in case of order finalization for one quoted micronization process equipment or line, otherwise this test has to be paid because it is effectively a contract micronization service supply. After the trials, in case of an order, the charges of one trial only will be adjusted (reimbursed) in the order advance payable.

The customer has to provide us with:

- Product quantity that has to be processed
- Material safety data sheet
- Chemical analysis report (if available)
- Particle size distribution report (if available)

We will provide the customer in written with process charges and our commitment about the charges reimburse in the order advance payable.

The test takes about one week, depending by our testing centre availability.

These tests are not destructive and the processed product will be returned back within complete trial report, unprocessed product (product disposal) will also be delivered back.

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The manufacturer reserves the right to modify specifications without prior notice.