



The SOTAX FT 300 to determine the flowability characteristics of blends, powders and granulates simulating processing conditions

- ▶ **Standardize** test conditions to ensure **optimum** correlation of processing conditions and **optimal** tablet press settings
- ▶ Performs a variety of test conditions including **mixing** and **vibration settings**
- ▶ Produces precise, fast and reproducible results on the **flowability** characteristics of **blends, powders and granulates** saving time and product
- ▶ Uses Mettler **precision** balance
- ▶ **Operator-independent** results, eliminating human error
- ▶ Compact, **robust** construction and simple to use
- ▶ Controlled by **21 CFR Part 11 compliant** q-doc prolab® Quality Documentation Software for Windows XP, Vista

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Specification

Compressed air	5 – 8 bar filtered and oil free
Dust extraction	connection dia. 30 mm
Vibration levels	3
Width/depth/height	270/600/600 mm
Weight ca. (without balance)	24 kg
Precision balance	Mettler PG3001-S, Readability 0.1 g
Power	230 V/50 Hz or 115 V/60 Hz
Power consumption	200 VA

Order Information

System No.	Description
s07.200	SOTAX FT 300: 230 V/50 Hz

Features and Benefits

The SOTAX FT 300 generates important information with respect to the flowability characteristics of blends, powders and granulates during pharmaceutical processing. By minimizing flowability-related problems associated with powder and granulate compression, production output can be optimized.

New batches can get qualified with a comparison to older batches. Detecting problems in the powder flow helps to avoid problems in a very early stage during tablet processing and this results to a big cost saving effect.

In addition, the FT 300 also provides information on tablet ingredient flow, which is an important part of formulation studies. The SOTAX FT 300 produces highly informative test results for tablet press settings.

In order to mix the test material effectively, the funnel container rotates forward and backward twice through 180°. Vibration and funnel enclosure are pneumatically controlled. The test apparatus can be connected to a vacuum source to prevent dust build-up.

Software

The q-doc prolab® Quality Documentation Software package for Windows XP, Vista permits the storage of methods as well as test results. Customized reports are also possible. q-doc prolab® is a validated Windows XP, Vista software which fully complies with GMP 4 and 21 CFR Part 11. q-doc prolab® is available with LIMS capabilities and can also be networked.

Validation and Qualification

The SOTAX FT 300 is precisely calibrated in our factory before delivery. The appropriate qualification documentation (IQ/OQ) can be supplied with each system. q-doc prolab® quality documentation software is delivered with the appropriate IQ documents and all validation certificates. When required, system and software installation, validation and training can be carried out by a certified SOTAX service engineer or one of its agents located worldwide.