

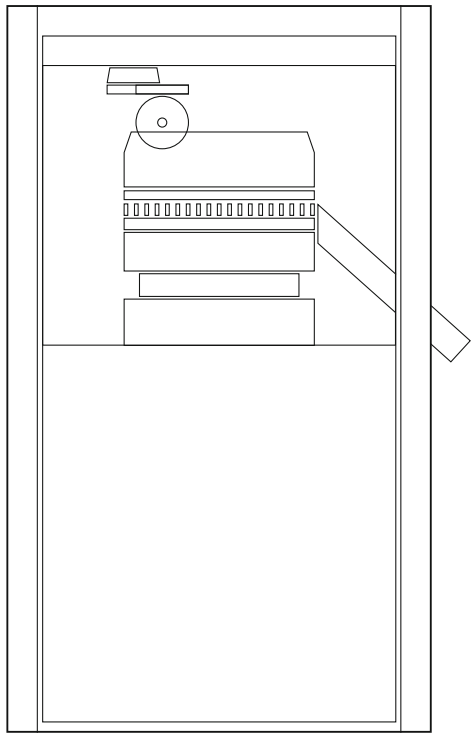
Just automate.

SOTAX

The new AT50

In-process control simply automated

The AT50 sets new standards in automatic in-process control. The compact tablet testing system for measuring weight (mass), thickness (height), width, diameter / length and hardness (breaking force) has been specially developed for the requirements of online operation with tablet presses. Simply automate — with the AT50.



Automatic Sampling

Samples are automatically discharged at regular intervals and conveyed to the AT50 — gravimetrically or with a Venturi system.

Automatic Measuring

Reliable tablet orientation is the prerequisite for meaningful measurement results. The AT50 combines precise Dr. Schleuniger® measuring technology with a repeatable, patented alignment of various sample shapes.

Automatic Adjustment

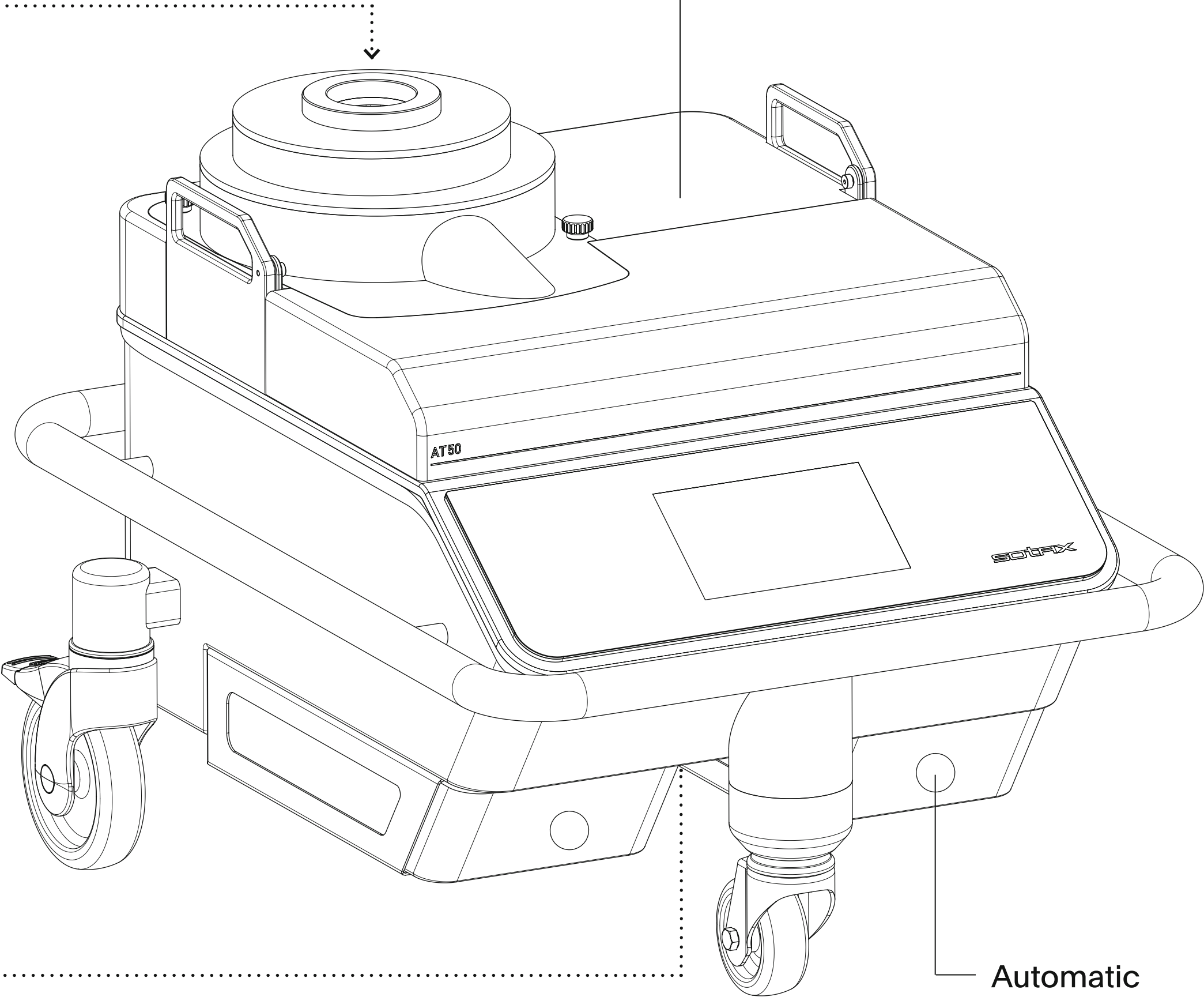
The measurement results transmitted by the AT50 serve as a basis for the automatic re-adjustment of the tablet press during its operation.

Automatic Data Transfer

The AT50 sends measuring results in real time to the tablet press.

Automatic Reference Sample

An integrated sample collector allows tablets to be collected in individual containers at the time of sampling for further tests or as reference samples.



- ✓ 5 Parameters
- ✓ SmartAlign™
- ✓ AutoAlign™
- ✓ IP54 or IP65
- ✓ EasyTouch™

Physical Testing



Hardness
MT50



Robust manual hardness tester with Dr. Schleuniger® measuring technology for fast and precise recording of up to 5 parameters. Simple operation with EasyTouch™ and optimized test sequences for different requirements.



Hardness
ST50



Smart, Smarter, SmartTest. Semi-automatic tablet testing system with SmartAlign™ for the reliable alignment of various sample shapes. 5 parameters with integrated load cell and Dr. Schleuniger® measuring technology.



Hardness
HT100



Fast and flexible in the lab. Fully automatic tablet testing system with 10-ply magazine for various tablet forms. 5 parameters with integrated load cell and patented AutoAlign™ system for tablet orientation.



Hardness
AT4



Automatic tablet tester for use in production / inprocess control (IPC). Robust and reliable with integrated load cell, patented SmartRake™ and proven precision Dr. Schleuniger® measuring technology.



Disintegration
DT50



Water-bathless disintegration tester with 1 – 4 stations for automated detection of the disintegration time per sample. Shortest warm-up times with induction heating and continuous temperature measurement of the test medium. Easy touch screen operation.



Disintegration
DT2



Disintegration tester with 2 independent test stations for manual detection of the disintegration time (individual or per test run). Printout of test reports or electronic data management with q-doc® software.



Friability
FT2



Friability tester with 1 – 2 drums and integrated 10 ° tilting function according to USP <1216>. Suitable for connecting a laboratory scale. Printed test reports or electronic data management with q-doc® software.



Flowability
PF1



Standardized characterization of powders, granules and other bulk materials according to pharmacopoeia (USP / Ph.Eur.). Powder flow through an orifice with funnel or cylinder, as well as determination of the angle of repose.



Tapped Density
TD1



Standardized determination of the tapped density of powder and granules according to USP, Ph. Eur., ASTM and DIN EN ISO requirements. Suitable for connecting a laboratory scale. Printout of test reports or electronic data acquisition.



Cap Torque
TM200



Tester for manual or motorized inspection of the cap torque of various screw caps incl. child-proof caps. Printout of test reports or electronic data acquisition.



Data Management
q-doc®



More than "just" data integrity. Automated data collection and evaluation of all batch tests. Standardized drivers for over 30 test devices, central database, LDAP integration, and flexible configuration according to individual SOPs.