



TAPPED DENSITY TESTER

SVM II

www.erweka.com/products/physical-testers/tapped-density-tester/svm-ii/

SVM II

TAPPED DENSITY TESTER

The SVM II is our latest generation of tapped density tester. With unprecedented flexibility and intelligent features, it makes tapped density testing as easy and reliable as never before.

The 7" high resolution touch display with a modern user interface focuses the user on the most important task the new SVM II has to fulfill - 100% USP/EP compliant tapped density testing. With the automatic calculation features of the TestAssist, the user is guided step-by-step through the testing process as quickly as possible. It also automatically calculates the Hausner Ratio and compressibility index and prints the reports after every test.



In addition to its ease of use, the SVM II is the most flexible tapped density tester we ever built. The newly designed SwitchPlate system enables 5 different versions of the SVM II, with USP 1, USP 2 or USP 3 in either one or two test station configurations or a combination with both methods. And the best part - they can also be upgraded at a later time point!

SVM II also supports a variety of method and norms: From USP 1 and USP 2 to ASTM B527-15 and DIN EN ISO 787-11:1995 - with the SVM II, users are on the safe side of valid and conform tapped density testing.



SVM II 5-in-1 tapped density tester
Video poster frame

SVM II

5-IN-1 TAPPED DENSITY TESTER

ONE DEVICE, 5 VARIATIONS

The SVM II offers the same flexibility as its 5 predecessor models. It can test for USP method 1, 2 and 3 and can be equipped with either one or two test stations of the same method (USP 1, 2) or a combination of both. USP 3 comes with separate attachment parts and can be installed on station one or two and used with any SwitchPlate. Optional changing from one variant to another can be done by the user within minutes. This makes the SVM II the most flexible tapped density tester we ever built.

INTELLIGENT SWITCHPLATE SYSTEM

With the innovative SwitchPlate system, the SVM II is as flexible as ever before. Available SwitchPlates:

- | | |
|-----------------------|--|
| USP 1 with 1 station | USP 2 with 2 stations |
| USP 1 with 2 stations | 2 station combination with USP 1 and USP 2 |
| USP 2 with 1 station | |

MODERN TOUCH INTERFACE WITH TESTASSIST

The SVM II is controlled by a high resolution touch display with our modern ERWEKA user interface. With its innovative TestAssist, the user is guided through the tapped density testing process from start to finish. The TestAssist automatically computes Tapped Density, Hausner Ratio and Compressibility Index - all the user has to do is read the values from the cylinder and enter them when asked. This reduces errors and delivers results as fast as possible. SVM II is also equipped with the DirectHelp feature - always giving help and guidance at the touch of a button.

1, 2, TEST!

The touch interface of the SVM II focuses the user on the most important task to be done with the SVM II: tapped density testing. The central part is the TestAssist, an intelligent assistant with real time feasibility checks that provides support and guarantees the conformity of the entered parameters according to USP/EP/JP. Tapped density testing thus becomes simple and safe. But we didn't stop at TestAssist - all other functions, such as the control panel, the qualification menu or the service menu, are also designed to connect user and hardware as quickly as possible.

TESTASSIST - TAPPED DENSITY TESTING EASIER THAN EVER!

TestAssist is a comprehensive, yet simple wizard for the quick execution of tapped density testing. The user is guided step by step through the parameterisation, whereby incorrect entries are prevented by TestAssist. As soon as the tapped density test is running, the test screen displays all important status information about the test at any time. When testing according to USP methods, TestAssist prompts the user to enter the required values. Afterwards, it then computes the results for Tapped Density, Hausner Ratio and Compressibility Index completely automatically. With the help of the intelligent TestAssist, tapped density testing is as easy and fast as ever before!

REPORTS

The SVM II TestAssist automatically generates reports after each test. These reports can be automatically printed. The last 10 test reports can be recalled and printed out again.

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AT A GLANCE



USP methods 1, 2, 3, ASTM
B527-15 and DIN ISO 787-
11:1995



Intuitive touch interface



One or two test stations



Upgradeable at any time



TestAssist automatically
calculates the Hausner Ratio
and Compressibility Index



Testing in 3 simple steps

SVM II

ACCESSORIES

NOISE REDUCTION BOX

The ERWEKA noise reduction box is the perfect addition to our tapped density tester. The noise box is made of sturdy polymer housing and is lined with a 30 mm thick, white EPE damping material. It reduces the noise of a tapped volume tester by up to 25 dB (A) from 100 to 75 dB (A).



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SWITCHPLATES

ERWEKA offers five different SwitchPlates including a license key to purchase with the new SVM II. All SwitchPlates can be interchanged, if requirements change, it is possible to upgrade every SVM II with a new SwitchPlate. The SwitchPlate system offers maximum flexibility and makes every SVM II absolutely futureproof!

Installing a SVM II SwitchPlate is a two step process - first the user changes the plate on the SVM II by fixing it with 6 small screws. The next step is done in the configuration panel - the activation code needs to be entered, which is part of the purchase of a SwitchPlate. This activates the specific SwitchPlate in the TestAssist and report engine of the SVM II.



USP 1 - 1 STATION

This plate has 1 test station and is able to test according to USP method 1



USP 1 - 2 STATIONS

This plate has 2 test stations and is able to test according to USP method 1



USP 2 - 1 STATION

This plate has 1 test station and is able to test according to USP method 2



USP 2 - 2 STATIONS

This plate has 2 test stations and is able to test according to USP method 2



USP 1 AND USP 2 - 2 STATIONS

This plate has 2 test stations and is able to test either according to USP method 1 or USP method 2

SVM II

TECHNICAL DATA

Weight	17 kg
Dimensions (H x W x D)	196.5 x 300 x 326 mm
Voltage	115/230 V; 50/60 Hz
Fuses	1 A
Interfaces	USB A/B, Ethernet, RS232
Protection class	I/EN 61140
Protection type	IP 21/IEC 529
Control	7" high resolution touch display
Test stations	1 or 2 test stations using 5 different SwitchPlates
Supported methods	USP 1: 300±15 taps/min; tap height 14±2mm USP 2: 250±15 taps/min; tap height 3±0.2mm USP 3 as described in USP <616> EP 2.9.34 Bulk density and tapped density of powders USP <1174> Powder Flow ASTM B527-15 Tap density of metal powders and compounds DIN EN ISO 787-11:1995 General test methods, pigments and fillers
Data storage	10 reports (temporarily)
Export	Network export via external software (Export manager) as XML / PDF
Ambient temperature during operation	+10 °C up to +30 °C
Storage and transport temperature	+5 °C up to +40 °C
Relative humidity	25-80 % non condensing

SVM II

DOWNLOADS

PRODUCT DATA SHEET →

www.erweka.com/files/462525/product-data-sheet-svm-ii.pdf

SVM II BROCHURE →

www.erweka.com/files/435518/svm-ii.pdf

SVM II

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www.erweka.com/contact-services/contact-form/?prefilltext=contact_form.request&product=ER-P-TD-01

REQUEST A QUOTE →

www.erweka.com/contact-services/contact-form/?prefilltext=contact_form.quote_request&product=ER-P-TD-01

CONFIGURE YOUR SYSTEM →

configurator.erweka.com/#/product/svmii



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