

5-in-1 tapped density tester





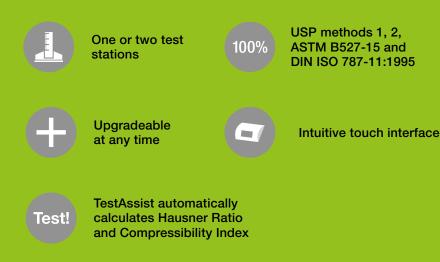
The SVM II One intelligent device, 5 variations.

The SVM II is our latest generation of tapped density tester. With unprecedented flexbility 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 SVM II has to fullfill - 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 both USP 1 and USP 2 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.







One device with 5 variations

The SVM II offers the same flexibility as its 5 predecessor models. It can test for USP method 1 and method 2 and can be equipped with either one or two test stations of the same method or a combination of both. 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 1 with 2 stations
- USP 2 with 1 station
- USP 2 with 2 stations
- 2 station combination with USP 1 and USP 2



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ERWEKA

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 - giving help and guidance at all times at the touch of a button.

SVM II SwitchPlates

Five plates for one tester.

ERWEKA offers five different SwitchPlates including a license key to purchase with the SVM II. All SwitchPlates can be interchanged, if requirements change, it is possible to upgrade every SVM II with a new SwitchPlate.

The new SwitchPlate system offers maximum flexibility and makes every SVM II absolutely futureproof!

The following SwitchPlates are available:

Number of test stations Test method	1 test station SwitchPlates	2 test stations SwitchPlates
USP-Method 1 (Lifting height 14 +/- 2 mm)		
USP-Method 2 (Lifting height 3 +/- 0,2 mm)	S	S
USP-Method 1 + 2*		S

Easy SwitchPlate replacement

SVM II



One base SVM II - 5 versions possible.

Quick installation of the SwitchPlate

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 SMV II.

The SVM II is delivered with a small quickstart guide, guiding users through the process.

ERWEKA

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ERWEKA

*enables separate testing of either USP methode 1 or method 2 in one single device without modification.

ERWEK



Optional Noise Box

For reduction of operating noise

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).*

Dimensions and Data	
Inside height, width, depth	761 mm x 390 mm x 497 mm
Height, width, depth	841 mm x 472 mm x 594 mm
Weight	25 kg
Noise reduction*	appr. 25 dB (A)

*Compared to open SVM tapped density tests (measured from the standard horizontal distance to the noise chamber of 0.65 m and 1.6 m from the floor)

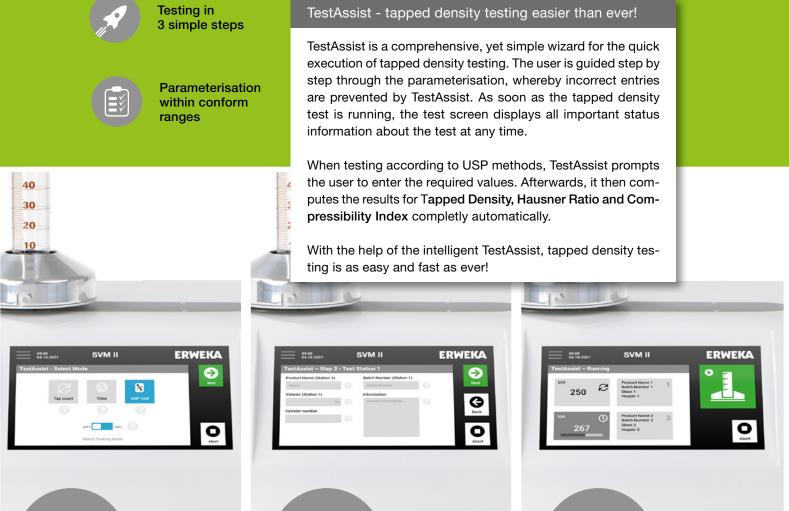




1, 2, Test! The SVM II TestAssist

ERV

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 realtime feasability 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.



ERW

Test!

ERWEKA

Reports

SVM IIs' 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.





Direct access for customer service

The service menu gives the user direct access to the most important hardware functions and information of the SVM II. Serial number and firmware version can be quickly called up for service cases, and maintenance can be carried out faster and more efficiently.



The DirectHelp feature is implemented throughout all of the SVM II touch interface. At the touch of a button, the user can easily access context relevant help within miliseconds.





Thanks to the new qualification function, qualifying the SVM II is easy. To do so, simply enter the qualification menu and follow the instructions.



Technical data

	SVM II
Height, width, depth	196.5 mm / 300 mm / 326 mm
Weight	17 kg
Voltage	115/230 V; 50/60 Hz
Fuses	1 A
Protection class	I/EN 61140
Protection type	IP 21/IEC 529
Test stations	1 or 2 test stations using 5 different SwitchPlates
Supported methods	USP method 1: 300±15 taps/min; tap height 14±2mm USP method 2: 250±15 taps/min; tap height 3±0.2mm 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)
Interfaces	USB A/B, Ethernet, RS232
Export	Network export via external software (Export manager) as XML / PDF
Ambient temprature during operation	+10 °C up to +30 °C
Storage and transport temperature	+5 °C up to +40 °C
Relative humidity	25-80 % non condensing

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