

# S-flow® 3000 VI



OmniTek proudly introduces the newest addition to its popular range of viscometry systems: the S-flow® 3000 VI. This directly follows from many of our customers' requests for a single system which can perform measurements at two temperatures, with the built-in capacity to calculate the **Viscosity Index**, based on the results from the two individually controlled baths. Operated through an advanced central touch screen display, the instrument is extremely easy to control.

Each of the two baths is equipped with 4 S-flow® tubes to provide a total capacity of up to 120 samples per hour !

Naturally, the new system retains all the features that made the S-flow 1200 such a success :

- Automated flow time measurement
- Fully configurable cleaning cycle
- Low sample quantities (0.3-0.8 ml)
- Up to 90% savings on solvent use
- Quick bath and sample warmup
- Short measuring cycles
- Exceptionally stable temperature
- Optional dual solvent cleaning
- Operates without a PC

Add to that the automatic calculation of the Viscosity Index, and an optional PC application or printer, and the S-flow 3000 VI really brings you the ultimate in automated viscometry !

**OmniTek**  
measuring solutions

**Kinematic Viscosity Testing**  
**Direct Viscosity Index**

**ASTM D445, D446, D2270**

Get the latest info at [www.omnitek.nl](http://www.omnitek.nl)

# Advanced PC Application

A dedicated PC application is available for the S-flow® models 850, 1200 and 3000 VI. Running on Windows® 2000/XP it enables you to control and gather data from up to 4 different instruments simultaneously, using 1 PC ! Changing measurement and cleaning parameters is done with a simple mouse-click. All measurement data is stored to a central database, allowing you easy data retrieval and processing. Generate and print custom reports, export data to various file formats, and perform statistical calculations at unprecedented ease ! This package delivers true added value by relieving you of all your data related tasks. With a full-fledged database at its core, some of its main features include :

- Full control over all the instruments parameters
- Data acquisition and storage
- Automatic tagging of outlier results
- Statistical calculations such as average, reproducibility and spread
- Report generation
- Automatic Viscosity Index calculation for 850 and 1200 models
- Quick storing and loading of measurement tube profiles
- and much, much more...

## System requirements :

Operating system : Windows 2000/XP  
Processor speed : 1.800 Mhz  
Memory : 256 MB RAM  
Interface : 1 RS-232 serial/USB port for each connected instrument

## Optional wireless connection

We now offer the option of operating up to 7 instruments with 1 PC using the latest in Wireless Bluetooth technology !



Measurement details



Main system overview



Change system settings



Viscosity Index Calculation

Contact your dealer for a demonstration

## SPECIFICATIONS

Standard methods	ASTM D445, D446, D2270, ISO 3104
Measuring range	0.6-3,000 mm <sup>2</sup> /s (cSt)
Sample Capacity	80-120 samples per hour
Temperature stability	± 0.01° @40°C, ± 0.03° @ 100°C
Optical sensor	Detects both opaque and transparent oils
Timer accuracy	± 0.0025 seconds
Control	Touch Screen LCD
External requirements	Pressurized air supply
Dimensions	700 x 475 x 620 mm. (l x w x h)
Weight	62 kg.

