

**STENT-VISION 3000****Automated Stent Measurement System****SYSTEM INFORMATION**

The *STENT-VISION 3000* was developed to automate and enhance the stent quality management. The strut width and stent length are measured fully automatically. Additionally the wall thickness can be measured manually at any stent position.

The stent is recorded optically and the appropriate strut will be searched and measured by using the parameters learned during the teaching process. Every desired stent model can be added to the database system. The teaching process must be performed only once for each stent model. Then it is possible to measure a single stent or the entire lot sequentially.

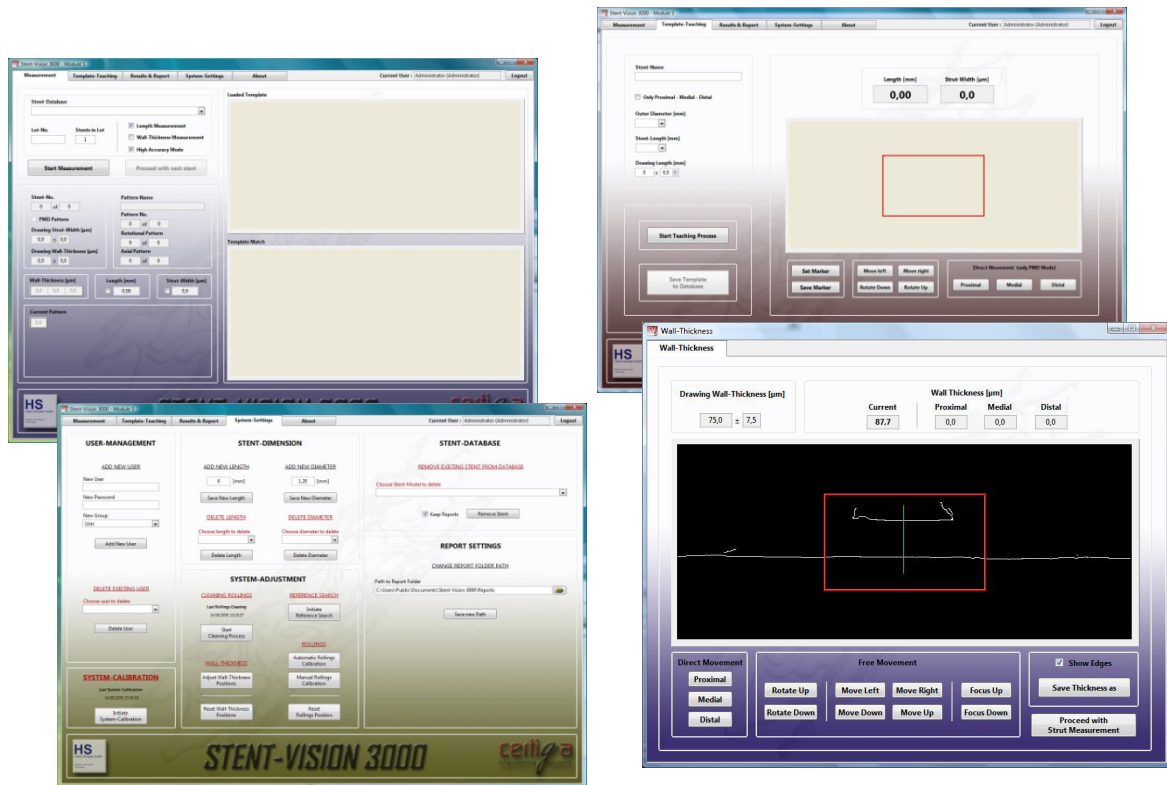
The *STENT-VISION 3000* searches the appropriate struts in both directions (rotational and axial) fully automatically. Furthermore it is possible to measure only necessary struts according to the drawings directly at the proximal, medial and distal stent position by using the integrated PMD-Function.

The results of every single stent are recorded and are provided in a detailed html-file after the measurement process. Strut widths out of the limits given by the technical drawings are specially marked.

With the *STENT-VISION 3000* it is possible to use multiple user accounts with different user groups. Only administrators are allowed to perform the system calibration, to teach new stents, to administrate the reports and to create and delete user accounts.

The operating status of the *STENT-VISION 3000* is indicated by different colors and flashing intervals on both sides and at the front of the system.

SOFTWARE



AVAILABLE MODULES

- Module S:** Outer Diameter 1,20 - 1,60mm, max. Length 54mm
- Module M:** Outer Diameter 1,60 - 3,00mm, max. Length 76mm
- Module L:** Outer Diameter 3,00 - 5,00mm, max. Length 100mm

Please quote at the time of order the choice of module

DELIVERY CONTENT

- STENT-VISION 3000 with Module S, M or L
- Installation-CD
- Software package "STENT-VISION 3000 S, M or L"
- Measurement-PC, Windows 7 Pro with measurement software preinstalled
- 22"-TFT-Panel
- Software-Protection-Dongle
- Power supply and all necessary cables
- Printed manual

TECHNICAL SPECIFICATIONS

- Electrical potential: 24V/4A
- PC-connection: 2x USB 2.0, 1x IEEE1394
- Optical resolution: <math><1,5\mu\text{m}/\text{Pixel}</math>
- Illuminant: LED
- Storage temperature: 10-40°C
- Operating temperature: 20-35°C
- Humidity: 5-95% (not condensing)
- Environment: Dustless environment
- Ambient pressure: Atmospheric pressure
- Dimensions: 400mm x 400mm x 535mm (w x d x h without transportation handles)
- Weight: approx. 55kg
- Operating system: Windows Vista SP2, Windows 7 Professional
- 1 year warranty