

Web Support of Steam Sterilizers

Our company provides web support of steam sterilizers. The support is designed for those users who want to use supporting software Printer Archiv and Audit Reader. It is also used for service technicians who can get in this way access to newest versions of supporting software including the purely service-oriented one and to recent versions of control firmware on steam sterilizers.



Image 1

How to get access to web support? At first, it is necessary to register at „http://ps.bmt.cz“. (If you have already registered, you can directly login and work.) Press „Registration“ and there will appear a form. Fill it in and send the filled in form by pressing „Send“. An e-mail will be automatically sent to you, containing name and password for the user level as a minimum. If you are registered as an authorised service technician, the name and password received would allow your access to full support.

Web support for service technicians:

Press „Download“ after successful login. There will appear a menu from which you can select the software needed (Fig. 2). There are

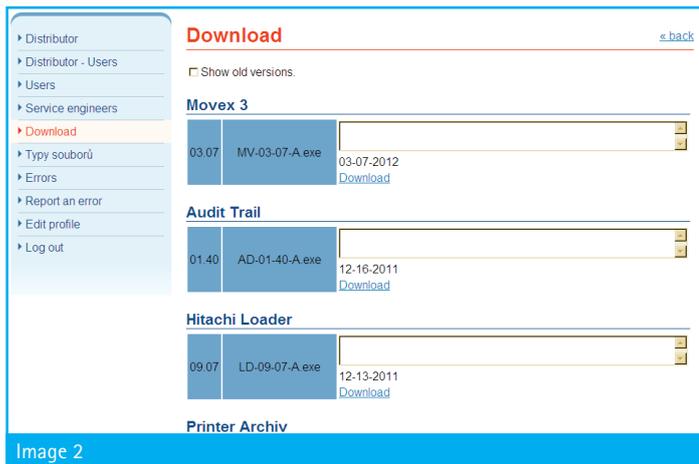


Image 2

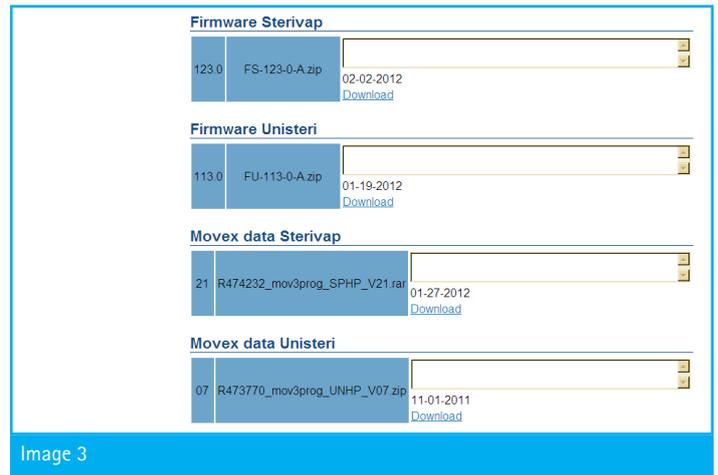


Image 3

available for download: recent version of supporting software Movex 3, Audit Reader (Audit Trail), Hitachi Loader and Printer Archive. It is also possible to download control firmware and Movex data for individual pre-defined programs (sterilization cycles, etc.) for sterilizers of the Sterivap as well as the Unisteri line.

Web support for users:

The user is entitled to download only versions of supporting software Audit Reader (Audit Trail) and Printer Archiv.

After installation of any of the above stated applications the last version automatic control is pre-set in each application. In case of the user or the service technician to run any of the supporting software applications on his computer while being connected to the Internet, there will be automatically checked the versions and in case of a newer version to be found on the web, the system will notify you of the version and it will offer you the possibility of fast access to the sites and new version downloading.

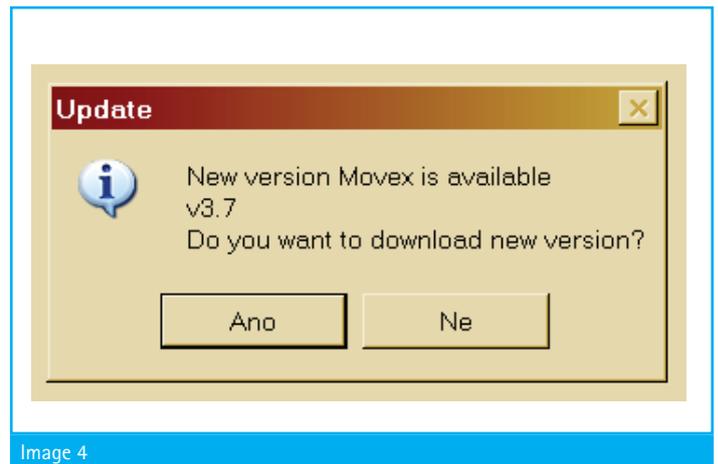


Image 4

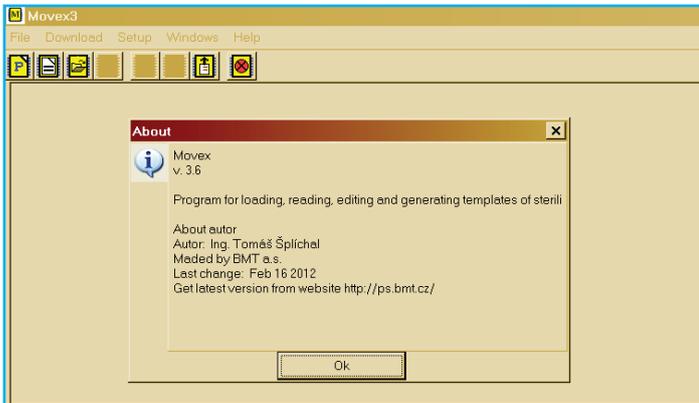


Image 5

A shortcut access to the web site with software is built in in each software (application) – just click on „Help / About” on the top bar of the menu (see Image 5). In the open window simply click on displayed link to web sites.

STERIVAP HP – option H_2O_2

Within the scope of an important order of 3pcs of sterilizers STERIVAP HP IL for the laboratory Animal Facility - Chulalongkorn University in Bangkok there was prepared the option H_2O_2 .

The sterilizer is connected via quick couples Camlock and hoses to the external generator of hydrogen peroxide, respectively an output to the catalyser or possibly to external ventilation.

The H_2O_2 option is conceived for connection of generator InnoSté H+ of the French company EUROBIOKONCEPT.

A relevant program for H_2O_2 is prepared on the sterilizer, co-operating and communicating with the automatics of the generator via the connection cable.

The option H_2O_2 – EUROBIOKONCEPT is prepared starting from firmware version V138.

The programs for H_2O_2 are based on a new template with the *.h2o suffix.

At first, the program prepares the sterilizer in required initial operation conditions (aeration, preparatory evacuation, chamber



Connect the generator power H_2O_2

temperature max. 50°C etc.). So as to cool the sterilization chamber down to required temperature there is used the shell cooling with softened water (EW). Then, the initiative is taken over by the H_2O_2 generator and it performs proper exposition of H_2O_2 , respectively also basic ventilation. Consequently, the sterilizer completes the H_2O_2 cycle with additional ventilation of hydrogen peroxide residuals, or possibly evacuation drying. The development and debugging of the H_2O_2 program was performed on supplied sample of function automatics of the generator InnoSté H+. The proper connection of hydrogen peroxide generator to the sterilisation chamber is performed via two manual closing valves with position sensors and another pair of separating pneumatic valves controlled by the automatics of the sterilizers.



Connected to a generator



Generator