

STERILCOLUSSI 3.0 PLUS STERILCOLUSSI 3.0 STERILCOLUSSI LT

colussi

supervision and traceability in the sterilisation





Supervision and traceability in the sterilisation

The STERILCOLUSSI 3.0 PLUS programme is a powerful software package specifically planned for the management and supervision of a sterilisation centre/ward/patient, providing the operators with an interface which simplifies data insertion and to manage cycles from planning charges to their storage.

The programme is created with a Windows interface and using a standard database language.

In this way, the programme can be interfaced with other applications, modified on particular user's requirements and used for data exchange with other standard software for database management.

It is possible to interface this programme also with different managerial systems (e.g. IBM AS 400).

STERILCOLUSSI 3.0 PLUS version

- allows to record and manage all clean/dirty material that arrives at the sterilisation centre (also remote function through touch screen palmtops). The material in admittance can be recorded as a set or as a collection of products; it is also possible to record some products singularly (those with a higher value/ the most strategic ones) and others as set. After the admittance operations the system allows to print an admittance certificate;
- manages the complete traceability of the washing cycles associating to the medical devices of every set all the relevant washing cycles;
- guides the operator during the packaging and allows to record and manage the lots of all the packaging systems (paper, envelopes, etc.) and of all the elements used to control the process (chemical and physical agents, Bowie & Dick, etc);
- the manager can organise and verify the activity of every sterilisation operator, and assign a task to everyone;
- manages work by printing work orders (for the execution of sets and orders if these have been planned in the computer) containing a detailed list of requirements;
- is planned also to release the sterile material; this operation allows to download from the warehouse all treated material and to print a delivery note for the wards;
- allows to ascribe the expenses of the sterilisation centre to the cost centre. A system recording the standard costs in relation with the fluctuations of the production allows to find out the costs of all the sterilised sets and to calculate automatically the costs to be ascribed to the cost centres/customers;
- stores all the data required for traceability in compliance with the standards in force (these files contain traces of all the phases connected with the sterilisation processes, recorded by reading the pressure and temperature every second during the entire process as well as indications of the sets contained in each order and on all the products contained in each set, etc.); it allows a paper-less management of the entire sterilisation process;
- manages the traceability of the sterile devices used for every single patient; it is possible to record (also remote function through touch screen palmtops) the data of the patient for which a single set was used, in the database of the system and in the storage files. Therefore it is possible to trace the sets used during the several operations, the treated sets and the sets used for every single patient;
- makes it possible to carry out all the processes connected to management from the terminal or by means of optical scanners (definition of standard sets, definition of orders, data base queries, selective printing of the sterile product tags, etc.);
- allows the realisation of a network of sterilizers that is interfaced with an ethernet network through a PC: the management of the process of various sterilizers in a network can be carried out using various PCs that are interfaced in the network;
- allows assistance via computer for all the problems connected to the management and maintenance programme all the problems regarding the sterilizers.



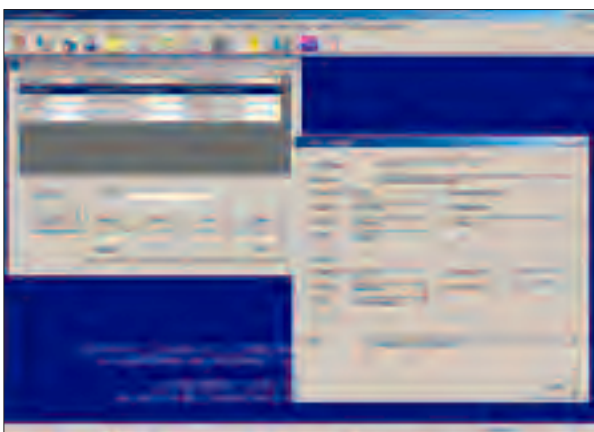
The programme also manages records of customers, products, package, tests (biological, thermometric, B&D, ...), operators and sterilisation programmes.



It manages records of standard sets (collection of some products, of a pack, of some customers and some tests).



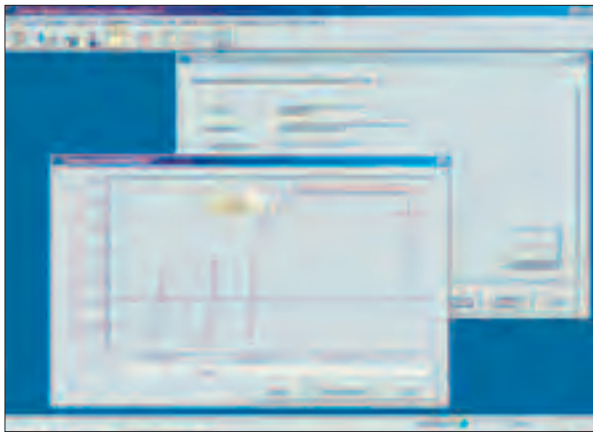
Manages the admittance/release operations of the material (upload/download of dirty/clean material, release of sterile material from the warehouse, coupons printing, etc.)



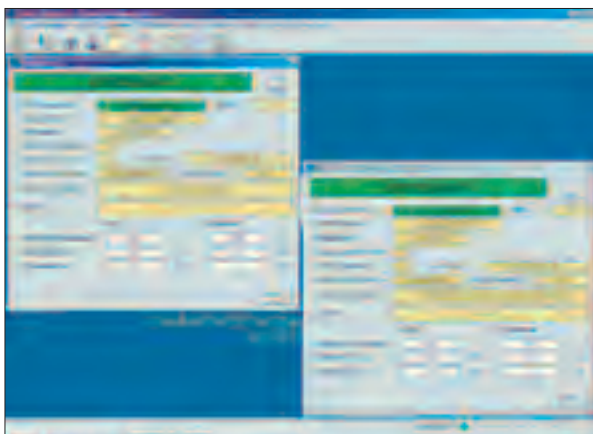
Allows the traceability of the material during the washing/disinfection phase, (identification of the material, of the equipment, of the operator, etc.)



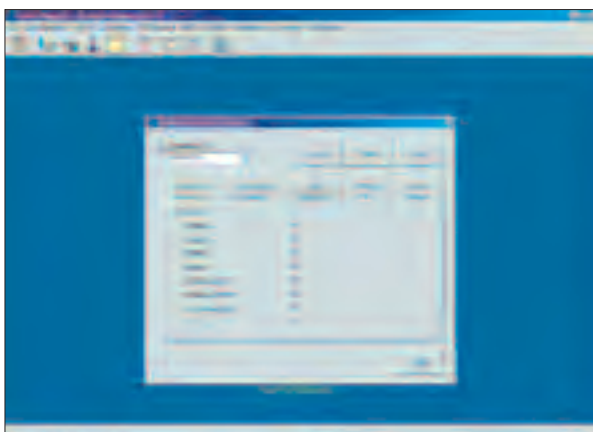
It manages some work orders (or machine loads) that can be planned by an operator on his PC or that can be effected tout-court with the help of optical scanners.



Displays and stores the physical parameters (temperature and pressure) that characterize all the processes started: for the productive and test cycles it is possible to analyse and store the pressure and the temperature curves that characterise the processes.



It monitors the operation of sterilizers even if it is not physically near the apparatus: by means of a virtual machine panel it is possible to visualise the condition of each sterilizer from any computer connected to a management system PC by direct connection, through the network or by modem.



It allows the definition of user profiles that can be entirely personalised and modified at any time, A limited quantity (that can be perfectly configured) of possible operations can be assigned to each user's profile.

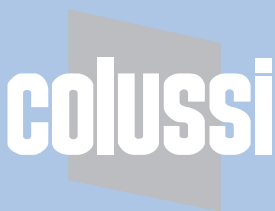
STERILCOLUSSI 3.0 version

This version, differently from the STERILCOLUSSI 3.0 PLUS programme, does not manage the upload/download operations of dirty and/or clean material that arrives at the sterilisation centre, does not manage the washing/disinfection phases and does not allow to calculate the costs relevant to the sterilisation operations.

STERILCOLUSSI 3.0 LT version

Displays and stores the physical parameters (temperature and pressure, identification of the sterilizer, date and time of the cycle, operator, etc.) that characterises the sterilisation process: for the productive and test cycles it is possible to analyse and store the pressure and temperature curves that characterise the processes.

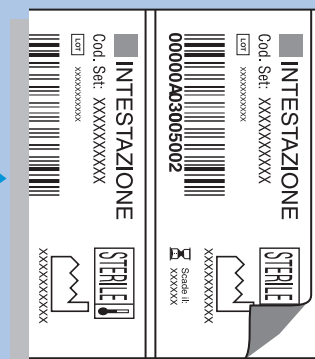
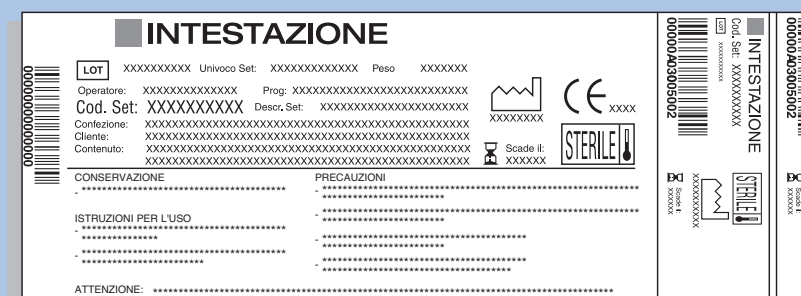
The system monitors the operation of sterilizers even if it is not physically near the apparatus: by means of a virtual machine panel it is possible to visualise the condition of each sterilizer from any computer connected to a management system PC by direct connection, through the network or by modem.

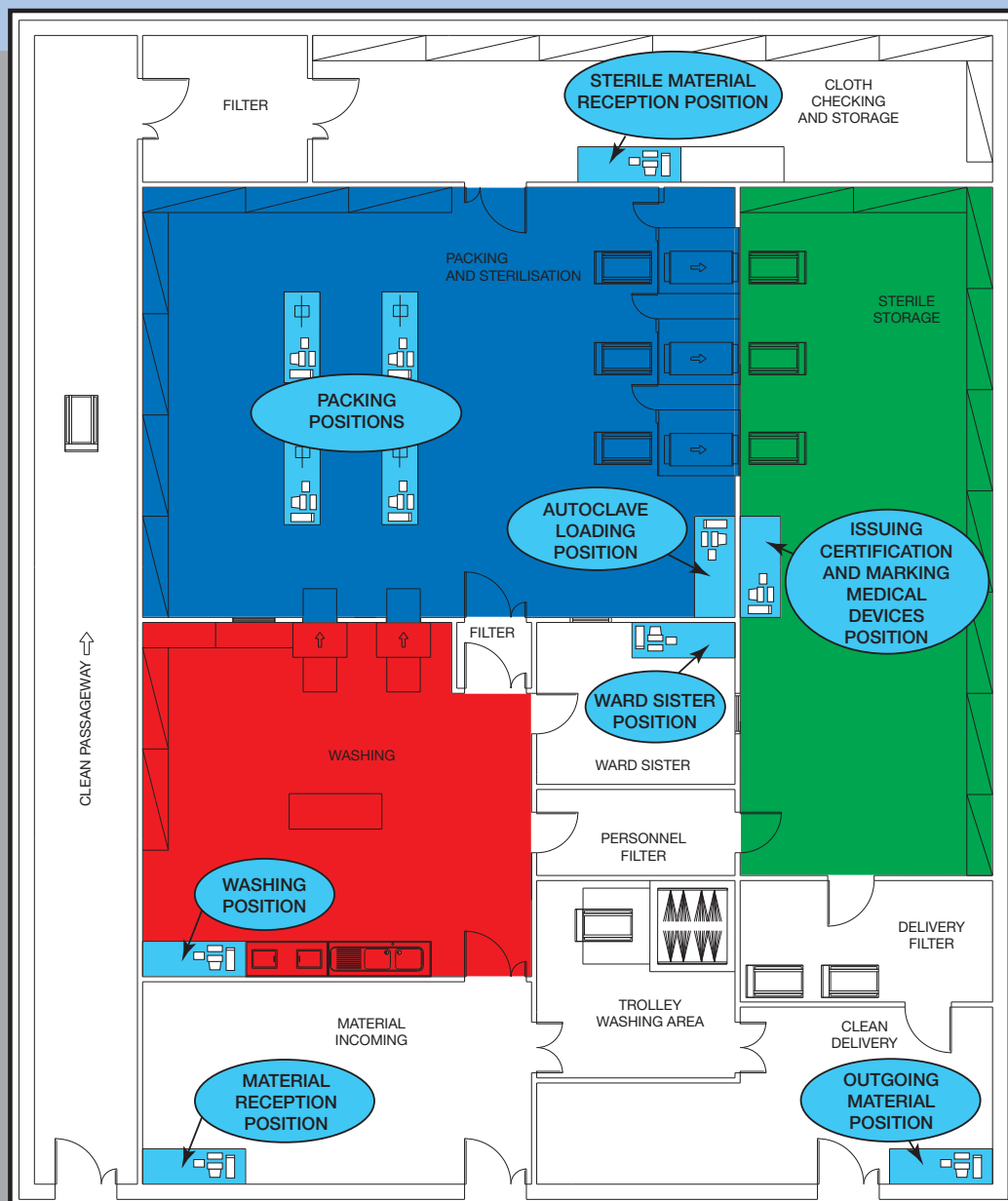


Labelling

The STERILCOLUSSI 3.0 and STERILCOLUSSI 3.0 PLUS programmes allow to label the sterile products with labels realised on request of the user.

The labels can be graphically set for special requirements, can be single or made up of several detachable parts so as to obtain small coupons/receipts to be enclosed in the registers recording the sterile material movements and/or in the medical report of the patient.





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