BULLETIN

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Change of Placement of the Pressure Sensor in Steam Generator for CLIMACELL

Due to higher failure rate of pressure sensors, their location has been changed. The new position is marked with a green arrow in Fig. 1. Such a placement will decrease negative effects of pressure shock influences that may occur when injecting cold water into the steam. Now, the sensor outfall is placed below the water level and that dampens any possible pressure shock.

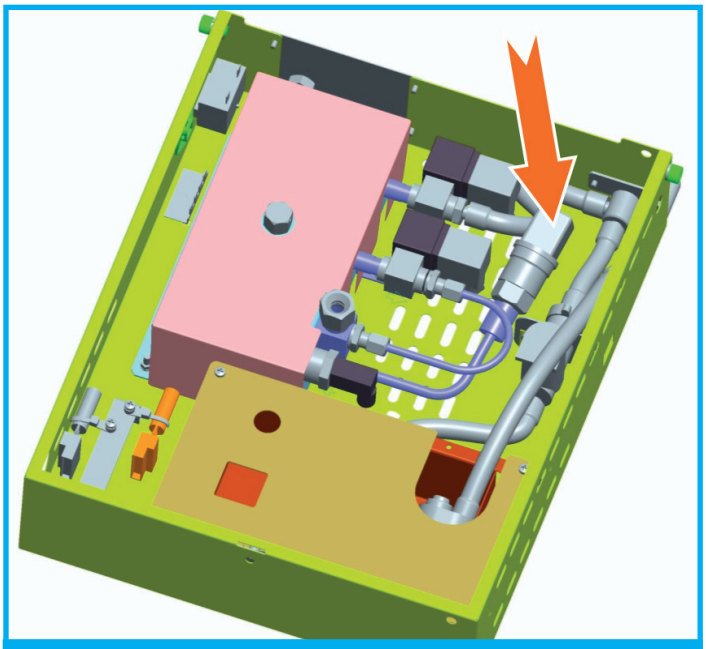

Fig. 1

Another and more significant cause of pressure sensors destruction is freezing of water respectively residual humidity in steam generator or directly in the pressure sensor chamber. Freezing may occur e.g. during transport of the device to the client or in the course of the device storage in a non-tempered warehouse. That is why it is necessary – in case of risk of the device to face temperatures below 0 °C – for the pressure sensor to be dismantled from the steam generator and to be protected against frost in a suitable way (but the devices should always be kept at temperatures above 0°C). Our experience indicates that it is not sufficient to drain water from the generator or to dry the pressure sensor. The sensor chamber in front of the pressure chip is so small that there is practically no possibility how to perfectly remove water residuals out of it. The red arrow in Fig. 2 shows the initial position of the pressure sensor. I would also like to draw attention to necessity of using the steam generators designed for the given size of the CLIMACELL device. The reason is that the generators contain nozzles of various diameters. For volumes of chambers 111, 222 there is designed the 1 mm nozzle diameter, while 2,4 mm is designed for 444, 777. When replacing the electromagnetic valve of the steam injection to the chamber it is also necessary to take the nozzles out of the old valve and to insert them together with the O-ring to the new one (see Fig. 2), or possibly clean the nozzles.

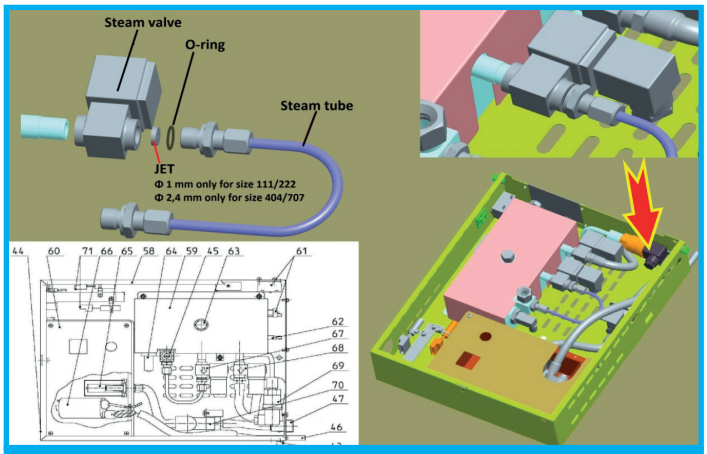

Fig. 2

Connection of Thermal Engineering Devices into the Local Network (Ethernet Connection)

This function can be arranged by using the converter GNOME232isol. This is a converter of serial interface RS232 to 10/100 Base-T Ethernet. It allows connection of devices BMT-MMM (temperature engineering and steam sterilisation) to the Ethernet. A typical use is the inclusion of our devices to LAN and consequent monitoring of their activities on remote station (e.g. using the WarmComm application or PrinterArchiv).

- Supported protocols: TCP/IP, UDP.
- Connection to LAN by the connector RJ45.
- Electroplated separated feeding 4.5 – 9V DC (the feeding source is included in the supply).

Typical use of GNOME232 with virtual serial port

So it is possible to connect the device BMT-MMM to LAN. The setting must be performed on the basis of the instruction manual supplied together with the converter. First of all, configuration of GNOME232 is performed using the ethernet configurator application.

The configuration can be performed via the web interface (browser Mozilla Firefox, Internet Explorer) or via serial line. The module GNOME232 also supports the DHCP protocol, so the IP address may also be assigned automatically. A controller is installed to the PC and it creates a new (virtual) COM port under the operation system Windows (all the usual OS Windows, including Windows 8) . The port is redirected via the Ethernet to the module GNOME232.

Terms for Training of Products of BMT Medical Technology s.r.o. for Daughter Companies in 2014

Due to time reserve needed for visa arrangement and in-time planning of events schedule we set the terms for training referring products of BMT Medical Technology s.r.o. for daughter companies in 2014. The training course will always be performed in the course of a whole week. On Monday and Tuesday we will be engaged in temperature engineering, laboratory boxes and small steam sterilisation. From Wednesday to Friday we will aim at large steam sterilisation, which means UNISTERI HP/SL and STERIVAP HP/SELECTOMAT SL. BMT partners may also register based on agreement with traders. It is necessary to register for the training by the 15th day of the training-preceding month at the latest. The training will be held in English or in Russian. The obligatory equipment of a service technician for the training includes IT equipment used for his activities in the field, notebook with software and other accessories for connection of pc with the device.

17.– 21. 2. 2014 (the latest term for registration: 15. 1. 2013)
19. –23. 5. 2014 (the latest term for registration: 15. 4. 2013)
18. –22. 8. 2014 (the latest term for registration: 15. 7. 2013)
10. –14. 11. 2014 (the latest term for registration: 15. 10. 2013)

Contact Form for Technical Support

Due to organisation reasons, a contact form of technical support was created on company web sites. Communication connected with technical support is sometimes complicated and obtaining all and any information on the device as needed for final solving of the problem may frequently last longer than the solution itself. Sometimes it happens that work of technicians is doubled in case of technical support in remote destinations. So as to avoid chaotic situations and to get all and any information about the device immediately it will not be possible to send the form without filling in the obligatory fields of the form. In case of a direct contact with the technician, you will be cross-referred to the contact form. You can be sure of getting the help only after filling in and sending the form.

Reference to a contact form that can be found on BMT web sites, just on the front page: →

Sealing for UNISTERI HP/SL

This year, the development solution of door sealing in the UNISTERI device was divided into the movable and the fixed one. That is why we present a table of available sealing types with material numbers according to chambers size.

Sealing type	Chamber size	Material number
Movable	336	0671436
	636	0671438
	559	0671437
Fixed	336	0670548
	636	0670552
	559	0670551

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