Bender GmbH & Co. KG

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Operating software UNIMET:

Information on the software update for UNIMET 300/400/800/810ST:

UNIMET 800ST – first generation:

The device is identifiable by the permanently attached power supply cord. Version number 3.1.20 is the last update that can be installed on this device. It includes the DIN EN 62353:2015-10 and OEVE/OENORM EN 62353:2015-11-01 standard. However, these standards are only available as plain text versions in the safety tester. The version does not contain the current content of the above mentioned standards and cannot be installed on the device due to the outdated hardware (the first devices of this edition – first generation – are at least 14 years old). However, all necessary adjustments can be carried out with the test step editor (e. g. modification of the limit value for tests on defibrillators). For more information about the test step editor see the technical manual TGH UNIMET 800/810ST. For software version 3.1.20, only the Control Center software version up to version 3.1.20 is applicable. Please also observe the indications displayed during the software installation!

UNIMET 800ST – second generation:

For this device, software version 3.20 has been available so far. This version includes DIN EN 62353:2015-10 and OEVE/OENORM EN 62353:2015-11-01 as text version und all the latest improvements. The new version 4.00 on UNIMET 800ST can be installed in just a few steps. This version includes all the modifications of the standards DIN EN 62353:2015-10 and OEVE/OENORM EN 62353:2015-11-01 in the classification wizard. Version 4.00 has to be purchased. The classification takes the following modifications into account:

- Defibrillator – a higher applied part leakage current of 100 µA with CF is considered
- Transportable X-ray equipment - a higher leakage current of 2.0 mA per phase is considered when using the differential or direct measurement method or 5.0 mA when using the EGA method (equipment leakage current alternative method).
- ME system without RCD – protective earth resistance max. 0.3 Ohm
- ME system with RCD – protective earth resistance max. 0.5 Ohm

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UNIMET 810ST:

For this device, software version 3.20 has been available so far. This version includes DIN EN 62353:2015-10 and OEVE/OENORM EN 62353:2015-11-01 as text version und all the latest improvements. The new version 4.00 can be installed on UNIMET 800ST in just a few steps. This version includes all the standard modifications of the standards DIN EN 62353:2015-10 and OEVE/OENORM EN 62353:2015-11-01 in the classification wizard. Version 4.00 has to be purchased. The classification takes the following modifications into account:

- Defibrillator – a higher applied part leakage current of 100 µA with CF is considered
- Transportable X-ray equipment - a higher leakage current of 2.0 mA per phase is considered when using the differential or direct measurement method or 5.0 mA when using the EGA method (equipment leakage current alternative method).
- ME system without RCD – protective earth resistance max. 0.3 Ohm
- ME system with RCD – protective earth resistance max. 0.5 Ohm

Operating software UNIMET 300/400ST:

Information on the software update for UNIMET 300/400ST:
The update to software version 3.42 for UNIMET 300ST and UNIMET 400ST is immediately available. If version 3.xx is already available on your device, the update to version 3.42 will be available to you free of charge. Customers having a UNIMET 300ST and a software version older than 3.00, will need an additional hardware upgrade of the device. This hardware modification has to be purchased.
All safety testers the software of which need to be updated have to be sent to Grünberg. To ensure a quick and smooth process, please make an appointment by e-mail with us! Please do not hesitate to make an appointment with Mr. Rein karl-heinz.rein@bender.de.

If you have any questions about the software update or the order, please consult your local representative (available on our website at the contact section of our homepage)! Please always indicate the serial number of the UNIMET to be updated. This is the only way to ensure a smooth flow of the process. You can also address your questions directly to Mr. Rein karl-heinz.rein@bender.de.

The update to version 4.00 for a UNIMET 800ST – second generation and a UNIMET 810ST is immediately available without. This update is to be charged.

Our offer for quick deciders:

If you order the software update by 31.12.2018 we will give you a 30% discount off the current list price per device update. If you require an update while the UNIMET is calibrated in Gruenberg, please specify this separately in the accompanying letter. Bender does not automatically update any device to the latest software version, which is subject to payment, without prior consent.

A note about updates:

Bender regularly updates of the software of safety testers (UNIMET series). In this regard, we always inform our business partners, e. g. management software manufacturers. Before installing an update on UNIMET, please make sure that the version of operating software update is compatible with the management software internally used.

Karl-Heinz Rein, Product manager test systems, June 2018