

IVInomad

Rev1.0 EN

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01 Safety information for IVInomad



This represents the security alert symbol. It is used to alert the user of potential hazards. Follow all safety messages that follow this symbol to avoid personal injury or property damage.

Signal words

DANGER: Indicates imminent danger. If this is not avoided, the hazard will result in death or serious injury.

WARNING: Indicates a danger. If this is not avoided, the hazard may result in serious injury.

CAUTION: Indicates a potential hazard. If this is not avoided, the risk could result in minor injury or property damage.

NOTE: Provides application tips or other useful information to get the most out of your equipment.

Carefully observe the following safety instructions for **DANGER** and **WARNING** signal words. Failure to do so may endanger the life of the user and others involved.



DANGER

Operation in areas where an explosion may occur or in oxygen enriched atmospheres.

Risk of explosion!

The product is not suitable for use in potentially explosive areas. Explosion hazards may be caused, for example, by the use of combustible anesthetics, skin cleansing agents and disinfectants.

In addition, the product is not suitable for application in oxygen enriched atmospheres. The atmosphere is considered enriched with oxygen when more than 25% of oxygen or nitrous oxide is added to the ambient air.



DANGER

Replacing the battery.

Risk of explosion!

There is a risk of explosion if the battery is replaced by an incorrect battery type.

Do not remove or replace the battery yourself.

**WARNING**

Use of the product without respecting the user manual.

Bodily injury! Equipment damage!

Always use the product according to the user manual. Otherwise, the protection provided may be reduced.

Handle the product carefully to avoid damage to the equipment.

**WARNING**

Electricity is a source of risk, especially when the product is not in perfect working order or when used inappropriately.

Electrical hazard!

- Before using the product, make sure it is in good working order.
- Before putting the product into operation, visually inspect all connection cables, connectors, case and covers for signs of damage. Damaged cables and connectors must be replaced immediately.
- Make sure to connect the product only to a LPS type SELV (low-voltage safety extra-power: no dangerous voltage, or transient overvoltage) power source, in accordance with EN60950-1 or EN61010-1.

**WARNING**

Electricity is a source of risk, especially when the product is not in perfect working order or when used inappropriately.

Electrical hazard!

- Products on which condensation of moisture has developed as a result of changes in temperature should not be switched on unless they are completely dry.
- Liquids should not enter the product. If liquids have entered the product, you must dry it or wait for it to dry completely, and it must be thoroughly inspected before being reused.

**WARNING**

Improper use of charging station

Risk of overheating!

Do not place on the charging station anything other than the photometer. Any object, especially metal, placed on the charging station may overheat.

Improper use or the use of incompatible chargers may present a risk of overheating the device.

**WARNING**

Electricity is a source of risk, especially when the product is not in perfect working order or when used inappropriately.

Electrical hazard! Equipment damage!

- Always turn off the photometer before installing, inspecting, or unplugging the probe or cables.
- Do not attempt to open the photometer and station covers.
- Do not modify the product.

**CAUTION****Mishandling****False and misleading measurements!**

The product is a measuring device and should only be handled by people trained in the use of such equipment and able to apply it correctly. The operator must be trained in the use and operation of the product.

The IVInomad dosimeter is a very sensitive scintillation detector. For this reason, moving the dosimeter (photometer, probe) can cause measurement disturbances.

**CAUTION****Photometer mishandling****Equipment damage!**

To avoid damaging the photometer detection cells, do not switch on the photometer while the detection cells are exposed to ambient light. Thus, when the photometer is turned on, the SMA interfaces of the photometer must imperatively be connected to the probe or protected by the plugs provided.

**CAUTION**

Operation under inadequate ambient conditions.

Equipment damage!

Always observe the conditions given in the user manual.

**CAUTION****Cables and connectors mishandling****Equipment damage!**

To prevent damage to the cables and connectors, observe the following points.

- Do not bend the cables. Observe the minimum bending radius of the cables.
- Do not exert pressure on the cables.
- Do not step on the cables.
- Do not roll the trolleys on the cables.
- Do not pull or twist the cables.
- Disconnect the cables from the devices during transport and when the devices are not used. Do not let the cables hang loose.
- The connectors must always be clean. Do not let the connectors lie on the floor. Always protect the connectors when pulling them through cable ducts.

**CAUTION**

Improper handling of the probe and connectors

Equipment damage!

To avoid damaging the probe, observe the following points.

- Do not bend the probe. Respect the minimum bending radius given in the user manual.
- Do not exert pressure on the probe. Do not step on the probe.
- Do not roll carts on the probe.
- Do not pull or twist the probe.
- Do not let the probe hang without restraint.
- Disconnect the probe from the photometer during transport.
- The connectors must always be clean. Immediately re-seal the connectors after being disconnected with the plugs provided.

**CAUTION**

Magnetic and electrical fields can interfere with the good performance of the product.

Equipment failure!

- For this reason, make sure that all external devices used near the product comply with the corresponding EMC requirements. X-ray machines, MRI machines and radio communication systems are potential sources of interference because they can emit higher levels of electromagnetic radiation. Check their performance before use.

- Use of longer cables than specified may alter the electromagnetic compatibility characteristics of the product.
- The product should not be used close to or placed above or below other equipment. However, if the application requires an arrangement of devices as described above, the product must be monitored to ensure proper operation in the specific arrangement.
- The customer or user of the product must ensure that it is used in a compatible electromagnetic environment.

**NOTE**

To separate the product from the power supply, disconnect the Ethernet cable from the receiver. Position the station so that it is not difficult to disconnect the Ethernet plus.

**NOTE**

Please consult the instructions for use of all connected devices!

02 Product and data plate appropriate symbol

Symbol

Indication



Consult instruction for use



CE mark



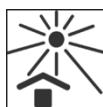
Manufacturer and date of manufacture



Serial number



Temperature limit



Keep away from sunlight



Keep dry



Separate collection for EEE!

RoHS

RoHS compliant

03 Information for IVInomad Interface



NOTE

Use of the IVInomad interface by people with insufficient qualifications

Improper operation!

The use of the IVInomad interface is limited to those who are familiar with the interface and who have been adequately trained or experienced in the use of such programs and who have the decision-making competence necessary to ensure correct use. This includes the following activities:

- determination of measurement and analysis parameters
- determination of tolerance levels
- evaluation and control of the measurement and analysis data provided by the interface.
- presentation of instructions to staff on how to carry out measurements.



NOTE

Please consult the instructions for use of all connected devices!

Notification

IVInomad has been developed and tested with the utmost care. However, Fibermetrix cannot guarantee that the component programs are completely free of errors.

Fibermetrix is not responsible for the consequences of using IVInomad. Any conclusions drawn from these measures are the sole responsibility of the user.

The user automatically accepts this agreement using IVInomad.

Agreement on updates and licenses.

Fibermetrix shall have no obligation to update IVInomad. When asking us for advice, please tell us about the interface revision, device serial numbers, and the date of purchase.

