

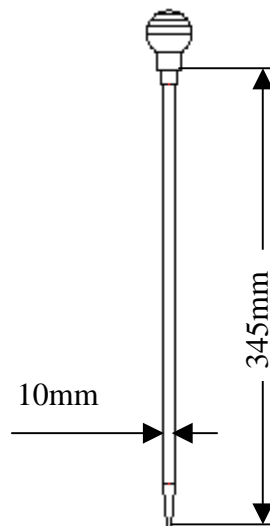
Customer information

This information addresses customers, who use ROENTEC EDX systems with LN₂-cooled detection systems.

During holidays or longer periods of non-operation it is possible to stop the supply with liquid nitrogen and let the detector warm up.

The long-term use of the detector, the water content of the liquid nitrogen and the air humidity can contribute to the accumulation of water in the lower part of the Dewar vessel. When cooling of the system is resumed the water freezes and can damage the Dewar vessel.

In order to prevent this, it is necessary to remove the existing water from the deepest point of the Dewar vessel before renewed cooling. This can be accomplished with a normal pipette made of plastic, that corresponds to the design below in length and maximum thickness. The pipette should be vertically inserted from the top into the mouth piece until it reaches the bottom of the vessel. The water should then be completely soaked up and removed with the pipette.



If you need further information, please contact the ROENTEC service at service@roentec.de.