

# LIBERO Temperature Monitoring with Insulation Case for Dry Ice Shipments

**Required Material:** LIBERO Ti1-N or Ti1-U / LIBERO NTC temperature probe / LIBERO Insulation Case

## 1. Prepare material



- 1) Configure LIBERO incl. "Start by pressing a key" and add 30 minutes "Start delay"
- 2) Connect NTC probe to Te1-N or Te1-U

## 2. Mount temperature probe

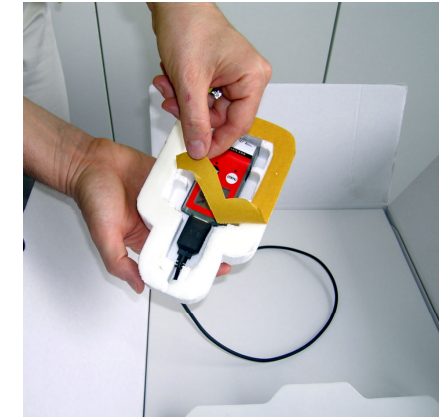


- 1) Enter temperature probe into dedicated hole
- 2) Fit LIBERO into notch
- 3) Activate LIBERO by "TRANSIT" key. LIBERO will automatically start after the delay.

## 3. Monitoring System is ready for packing



## 4. Remove masking paper



## 5. Pack products, dry ice & LIBERO



- 1) Open Insulated Box
- 2) Check dry ice level and space (Do not fill too much dry ice)
- 3) Take care of space around Insulation Case

## 6. Attach Insulation Case



**Firmly press Insulation Case to the inside of the lid**

## 7. Close dry ice box



**Take care of temperature probe:**  
It may only hang into the box or it may be fixed to the material inside.

## 8. Dry ice shipment is ready for dispatch



The box can now be sent to any destination.

**At destination:** Remove Insulation Case from the shipper lid by easily breaking it off and uncase LIBERO. Please be aware that the display may be invisible at temperatures below -30°C but will recover at ambient temperatures. Then, **evaluate Libero PDF Logger®** by plugging it into the USB port and wait 20 seconds for the PDF evaluation report to be presented on your PC.

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