KIRSCH-DATANET Software Package

Our KIRSCH-DATANET software package reduces your data documentation efforts. It provides for complete documentation and enables an evaluation of up to 39 values, which are needed for regulating a Kirsch cooling device. When it is permanently connected to a PC or server, data recording is automatically performed, which minimizes personnel efforts in view of documentation. You can either send your data via e-mail or export it to other programs.

DOCUMENTATION

In order to provide our customers with a comprehensive and understandable documentation of their cooling devices, we have developed DATANET. The software can perfectly match and align the components of our cooling devices to their specific requirements and is able to independently establish a connection to the connected regionally distributed devices in a central monitoring station. DATANET can be permanently connected to a PC or server. Data logging and monitoring are possible. Each time DATANET is launched, the program independently establishes a connection to the connected cooling devices and updates the data.

ADVANTAGES

Cost-effective

- Redundant effort due to automatic logging
- Minimized running costs, as diagram plates/waxed paper strips are no longer needed
- The evaluation software DATANET is included in the purchase price
- An unlimited number of workstations can be connected at no cost.

Easy

- Temperature documentation via Windows® PCs
- Data is automatically logged in refrigerators and freezers
- Automatic readout and storage (PC-KIT-NET and PC-KIT-USB-MONITORING)
- Cooling devices are set directly via your PC (PC-KIT-NET and PC-KIT-USB-MONITORING)
- The recorded data is automatically sent via e-mail (PC-KIT-NET)
- Readout and transmit data via a USB stick (PC-KIT-STICK)
- Unproblematic retrofitting for Kirsch devices equipped with an RS485 interface, otherwise via DATANET.

Safe

- Document and evaluate up to 39 values that are relevant for the functioning of the refrigerator/freezer
- Hazard control via monitoring is also possible for decentralized devices
- Selectable alarm messages are transmitted via e-mail
- Values will be recorded for up to 72 hours after a power outage
- Following transmission, the data is still available in the device (length of time depends on the storage interval sets).

INNOVATION AND QUALITY – SINCE 1865

We have done our utmost to describe the products in this brochure in a manner comprehensible to our customers. We realize that despite all the care taken when compiling brochures – particularly for high-quality, technical products – in practice, further questions could arise. Would you please call us should this be the case, so that we can help you. We are continuously working on the further development of all types and models. We would therefore like to request your understanding that we must reserve the right to modifi cations without notice in the design, equipment and technology.

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Three solutions for your individual requirements in view of temperature documentation.

**PC-KIT-USB-MONITORING**

For electronic temperature documentation and monitoring without a network connection.

**Overview**
- Monitoring and temperature documentation via the network and software DATANET
- Document and evaluate up to 39 values relevant to operating the refrigerator or freezer: temperature profile, alarm messages, door openings, defrostings, etc.
- Automatic data documentation in adjustable time intervals
- Change device parameters (temperature, warning limits, etc.) via your PC
- Connect as many Kirsch devices to your network as required, and an unlimited number of users

**Description**
The supplied USB gateway converts the data captured in the refrigerator (on the datalogger board) and transmits it to the PC. The assistant of the KIRSCH-DATANET software package to be installed on the PC, monitoring, automated data processing in adjustable intervals, as well as parameter changes of the cooling device can all be performed via your PC.

**Retrofitting**
All Kirsch cooling devices equipped with an RS485 interface can be retrofitted. Other Kirsch devices or those of other manufacturers can be connected to your network via KIRSCH-DATANET NET.

**Scope of delivery**
- USB gateway
- Datalogger board
- Lead battery pack
- USB cable, 1 m
- Shielded data cable, 10 m
- 2 grounding clips for the data cable
- KIRSCH-DATANET software package

**Scope of delivery for the Standard Kit**
- USB gateway
- Datalogger board
- Lead battery pack
- USB cable, 1 m

**Scope of delivery for the Extension Kit**
- Datalogger board
- Lead battery pack
- Shielded data cable, 10 m
- 2 grounding clips for the data cable

**The easiest way of electronic temperature documentation via USB stick.**

**Overview**
- Easy temperature documentation via USB stick
- No cabling required
- Document and evaluate up to 39 values relevant to operating the refrigerator or freezer: temperature profile, alarm messages, door openings, defrostings, etc.
- Evaluate the refrigeration/freezer with the KIRSCH-DATANET software package
- Data recording up to 72 hours following a power outage

**Description**
To readout the data, a USB port is integrated in the central panel of the cooling device. Connect the supplied USB stick to the USB port. Data transfer is triggered by pressing the readout key. When the readout procedure is completed, it will be indicated in the display. The stick can be removed and inserted into the USB port on the PC. The data readout from the stick, as well as the evaluation, is performed via DATANET. Monitoring is not supported in this version.

**Retrofitting**
Any current Kirsch products can be retrofitted with the PC-KIT-STICK (except for MED-85/-125, FROSTER-MED-70, SPECIAL: 2831-432, LABS-85/-125, LABELS-75, FRIOSTELABEX-70, GEM models). Models delivered as of July 2010 will receive a new panel with a USB port. It might be necessary to replace the control board in older models. In this case, please contact us.

**Scope of delivery**
- USB stick
- Control panel equipped with a USB readout unit
- Datalogger board
- Lead battery pack
- KIRSCH-DATANET software package

**PC-KIT-STICK**

**KIRSCH-DATALOG**

Connect your older Kirsch models and devices from other manufacturers to the digital temperature documentation.

**With the KIRSCH-DATALOG, you can retrofit older Kirsch devices, or those not equipped with an RS485 interface (e.g., MED 85, MED 125) for temperature documentation and monitoring. Devices from other manufacturers can also be connected to our temperature documentation software DATANET – regardless of whether it’s a refrigerator or heating cabinet.**

**Overview**
- Temperature documentation and monitoring for Kirsch cooling devices without an RS485 interface (e.g., MED 85, MED 125)
- Connect devices from other manufacturers to the monitoring circuit

**Description**
The KIRSCH-DATALOG evaluates the temperature sensor and monitors the upper and lower temperature threshold values. If the threshold value is exceeded, an optical and acoustic alarm is triggered. A remote alarm can be triggered via a potential-free contact. The Li-ion battery pack ensures that data logging and alarm messages are continued for up to 72 hours following a power outage.

**Scope of delivery for DATALOG-NET**
- KIRSCH-DATALOG, equipped with a connected temperature sensor and a 10 m connected data cable
- TCP/IP gateway
- Cat-5 cable, 5 m
- Wall-mounting set
- KIRSCH-DATANET software package

**Scope of delivery for DATALOG-USB-MONITORING**
- KIRSCH-DATALOG, equipped with a connected temperature sensor and a 10 m connected data cable
- USB gateway
- USB cable, 1 m
- Wall-mounting set
- KIRSCH-DATANET software package

**Description**
The KIRSCH-DATALOG enables temperature monitoring and recording of Kirsch refrigerators or freezers that are not equipped with an RS485 interface, or cooling devices of other manufacturers. For this purpose, a temperature sensor is installed inside the refrigerator or freezer. Data recording is performed via the ring memory of the KIRSCH-DATALOG. In the case of DATALOG-NET, a Kirsch TCP/IP gateway is connected to the integrated RS485 interface, for DATALOG-USB-MONITORING, a USB gateway.

The KIRSCH-DATALOG can be retrofitted into the central control panel of the cooling device. Connect the supplied USB stick to the USB port. Data transfer is triggered by pressing the readout key. When the readout procedure is completed, it will be indicated in the display. The stick can be removed and inserted into the USB port on the PC. The data readout from the stick, as well as the evaluation, is performed via DATANET. Monitoring is not supported in this version.

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