



Product Service

(1) **Conformity statement**

- (2) Equipment and protective systems intended for use in potentially explosive atmospheres - **Directive 2014/34/EU**
- (3) Number of the conformity statement:

**TPS 22 ATEX 030624 0013 X Rev. 00**





- (4) Device: Refrigerators and freezers of group II  
 Series: LABEX 285/335/465 PRO-ACTIVE/ULTIMATE  
 LABEX 288/340/468/520/720 PROACTIVE/ULTIMATE  
 LABEX 105 PRO-ACTIVE/  
 ESSENTIAL LABEX 125  
 ESSENTIAL FROSTER LABEX 71  
 FROSTER-LABEX-96 PRO-ACTIVE/  
 FROSTER LABEX 330/530/730 PROACTIVE/ULTIMATE
- (5) Manufacturer: Philipp Kirsch GmbH
- (6) Address: Im Lossenfeld 14  
 77731 Willstätt-Sand
- (7) The model of this device as well as the various permissible versions are specified in the annex to this conformity statement as well as in the technical report.
- (8) TÜV SÜD Product Service GmbH certifies, in accordance with Directive 2014/34/EU of the European Parliament and of the Council of the European Union of 26 February 2014 and with reference to § 256 of the Guideline for the Application of Directive 2014/34/EU, on the basis of a voluntary audit, compliance with the essential health and safety requirements for the design and construction of devices and protective systems intended for use in potentially explosive atmospheres in accordance with Annex II of the Directive. The results of the audit are set out in the confidential audit report 713165266 Rev.01.
- (9) The essential health and safety requirements are met by conformity with:

**EN ISO 80079-36:2016**

**EN ISO 80079-37:2016**

- (10) If the sign "X" is placed after the number of the conformity statement, special conditions for the safe use of the device are referred to in the annex to this document.
- (11) This conformity statement refers only to the design and construction of the device group of refrigerators and storage cabinets for volatile substances specified in § 256 of the Guideline for the Application of Directive 2014/34/EU. Other requirements of this directive apply to the manufacture and placing on the market of this device. This conformity statement is valid until 22.05.2027.
- (12) The marking must contain the following information:

All devices, except LABEX 465  II 3/- G Ex h IIB T6 Gc/-  
 LABEX 465  II 2/- G Ex h IIB T6 Gb/-

Certification Body Explosion Protection

Munich, 20.05.2022

  
 Dipl.-Ing. Ulrich Jacobs



## Annex

(13)

(14) **Conformity statement TPS 22 ATEX 030624 0013 X Rev. 00**(15) Description of the device group:

The tested objects are refrigerators / freezers for professional use in mainly medical laboratories. A description of the structure incl. the components and the possible functions is included in the respective operating instructions.

The refrigerators / freezers are allowed only for the storage of closed containers.

The interior of the devices can be equipped both with and without a fan for the implementation of a recirculation function. Both equipment variants are designed as explosion-proof interior / area. The explosive atmosphere is generated without exception by the stored product which thus also determines the properties of this atmosphere.

The interior of the devices is defined as an ignition source free interior.

Freedom from ignition sources is ensured by the following measures taken by the manufacturer:

- Use of dissipative materials in the interior and door handle
- Safe integration of the dissipative components/operating equipment into the equipotential bonding of the device
- Use of suitable, Ex-certified electrical devices in the ignition protection types intrinsic safety "i" and increased safety "e".

(16) Test report: 713165266 Rev. 01(17) Special conditions for use:

- Use of closed storage containers (note b), § 256 of the ATEX Guidelines to Directive 2014/34/EU 3rd edition of May 2020).
- Use of dissipative storage containers
- Use of dissipative manipulators
- Mandatory compliance with the safety instructions in the operating instructions (chapter 3).

(18) Essential health and safety requirements:

Covered by consideration of the above standards.