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**BINDER KBF LQC 240 - Constant climate
chambers with ICH-compliant light source
and light dose control**
Order code: **2103.90200332**



Information about product price on demand

Parameters

Volume [l]	247
Temperature range [°C]	0 až 70 (with light 10 až 60)
Series	KBF LQC
Quantitative unit	ks

- Temperature range: 0 °C to 70 °C
- Temperature range with light: 10 °C to 60 °C
- Humidity range: 10 % to 80 % RH
- 2 positionable illumination cassettes with ICH-compliant UV/Vis light source
- Independent light-dose control of UV-A and visible light with spherical sensors
- APT.line™ preheating chamber technology
- Humidity regulation with capacitive humidity sensor and vapor humidification
- Inner chamber made of stainless steel
- Intuitive touchscreen controller with time-segment and real-time programming with internal data recording
- Tight-sealing inner door made of safety glass (ESG) with special TIMELESS coating
- 2 stainless steel racks
- Access port with silicone plug, 30 mm, left
- 4 stable castors, two with brakes
- Class 3.1 independent temperature safety device (DIN 12880) with visual and audible temperature alarm
- Computer interface: Ethernet
- Door heating

Constant climate chambers with ICH-compliant light source and light dose control

One special advantage of BINDER's KBF LQC series of Constant climate chambers is the light photometry, an enhancement for photostability testing developed and patented by the company. This involves two spherical ball-type sensors capturing the light intensity at the sample location. Once the set light value has been achieved, the light source switches off automatically. The ball-type sensors can be flexibly placed on the sample material. The Constant climate chambers in the KBF LQC series use light dose control to enable you to work with precision and in compliance with standards.

In addition to accurate light photometry, BINDER Constant climate chambers also provide precise climate conditions thanks to the patented APT.line™ preheating chamber technology, which ensures that air is circulated extremely evenly, even when the chambers are fully loaded. Homogeneous climate conditions are guaranteed across the entire usable space.

Constant climate chambers with homogeneous light distribution in the usable space

BINDER Constant climate chambers with ICH-compliant light source and light dose control have a unique light concept that guarantees homogeneous light distribution. The illumination cassettes can be positioned variably and even removed. The chambers' humidity system is based on a capacitive humidity sensor and vapor pressure humidification, which offers quick response times. These Constant climate chambers also feature an automated water and waste water management system.

BINDER Constant climate chambers with ICH-compliant light source and light dose control are solutions boasting state-of-the-art technology, with maximum precision and functionality guaranteed. These incredibly versatile units expertly combine performance and functionality with a durable quality and ease of use.