

Orbital CO₂ Shaker KM

Description

Stable stainless steel shaker with orbital shaking motion. Guarantees the optimal development of cell cultures in CO₂ incubators. Ideally suited for use in incubators with up to 20% CO₂ concentration and up to 95% humidity. Operation via remote control.

Loading Capacity

Erlenmeyer flasks 100 ml 9 pieces
Erlenmeyer flasks 500 ml 2 pieces



CO₂ shaker KM

Technical Data

Shaking motion	orbital
Shaking speed	5 - 220 rpm* (in steps of 5)
Runtime	1 s – 100 h / continuous
Max. load	2 kg
Stroke	20 mm
Relative humidity	20 – 95%
Ambient temperature	4°C – 45°C
CO ₂ concentration	20%
Dimensions (W x D x H)	230 x 340 x 145 mm
Dimensions shaking platform	200 x 295 mm
Weight	7.6 kg
Electrical supply	100 – 240 V, 50/60 Hz
Heat emission	approx. 0.5 – 1.5 W
Enclosure protection	IP 21



CO₂ shaker KM FL, with flat cable
Does not require a cable feed-through on the incubator

Models

Model KM

Connection of external control only possible with cable bushing.

Model KM FL

Connection with ribbon cable
Connection without feed-through possible (through door opening)

Standard Basic Equipment

Basic device incl. basic platform with rubber mat and external control unit with ribbon cable.

Orbital CO₂ Shaker KM



Optional Platforms



Universal Platform KM Mini

Coated tray with drillings for individual loading with spring clamps or test tube racks.

Please note:

For fastening test tube racks on a universal tray test tube rack and hinged foot are necessary.

Loading Capacity Universal Tray KM Mini

Spring clamps (stainless steel)

Bottle size	10 ml	25 ml	50 ml	100 ml	250 ml	500 ml	1000 ml	2000 ml
Max. pieces	23	15	15	15	6	4	3	1



Universal Platform KM

Coated tray with drillings for individual loading with spring clamps or test tube racks.

Please note:

For fastening test tube racks on a universal tray test tube rack and hinged foot are necessary.

Loading Capacity Universal Tray KM Mini

Spring clamps (stainless steel)

Bottle size	10 ml	25 ml	50 ml	100 ml	250 ml	500 ml	1000 ml	2000 ml
Max. pieces	58	29	27	24	12	8	5	2