

CO₂ Shaker

Practice-oriented quality,
rooted in experience.



NEW



Precise results: the shaker KM CO₂ from Edmund Bühler

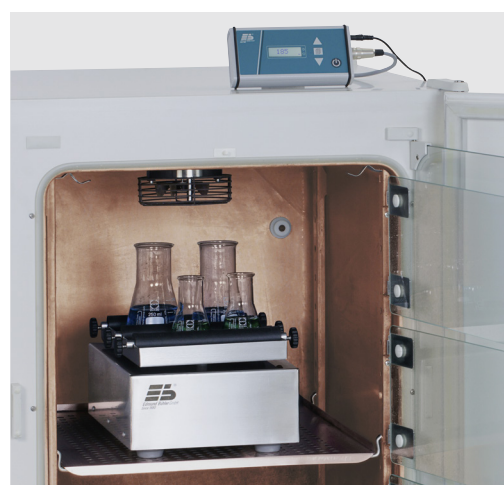
Your requirements,
our solution.

The shaker KM CO₂ is the new, high-quality answer to your requirements in the development of cell cultures.

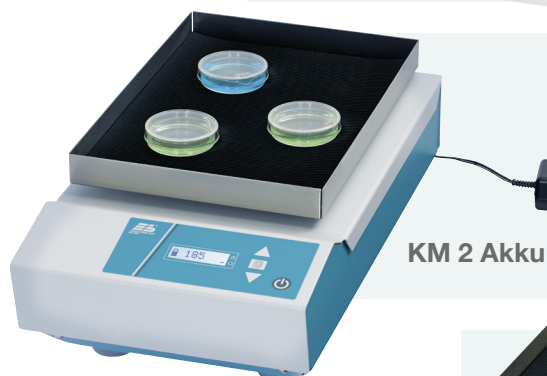
Using materials of only the highest quality and stainless steel components, the KM CO₂ was especially designed for use in incubators with up to 20% CO₂ concentration and up to 95% humidity (non-condensing).

With a minimal heat emission of only 4 watts, the conditions in the CO₂ incubator remain constant, thereby guaranteeing the optimum development of your cell cultures. The low-maintenance direct drive without drive belt guarantees a soft start of the shaker and thereby protects your cells additionally.

The external control unit with LED display enables easy operation outside the incubator.



◀ **Top-quality:** The new battery provides a longer runtime of at least 40 hours.



KM 2 Akku



KM 2

Continually improve good products - this is the claim of Edmund Bühler.

The shakers KM 2 Akku and KM 2 also provide a low-maintenance direct drive without drive belt.

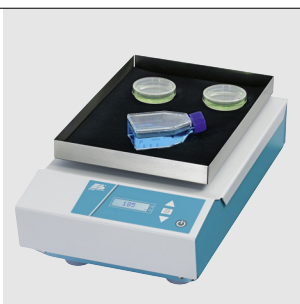
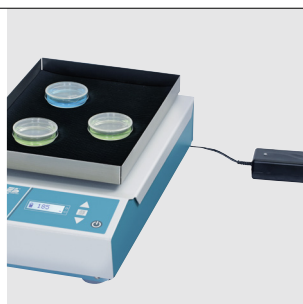
The integrated control unit with LED display facilitates the easy setting of the required shaking speed and runtime. The heat emission of only 4 watts does not influence the ambient conditions.



Technical Data



NEW



	KM CO ₂	KM 2 Akku	KM 2
Article number:	6136 000	6135 000	6113 000
Shaking motion:	orbital	orbital	orbital
Shaking platform (w x d):	200 x 295 mm	200 x 295 mm	200 x 295 mm
Max. load:	2 kg	2 kg	2 kg
Shaking speed:	5 – 220 rpm	5 – 220 rpm	5 – 220 rpm
Stroke:	20 mm	20 mm	20 mm
Runtime:	1s - 100 h / continuous	1s - 100 h / continuous	1s - 100 h / continuous
Battery service life:	–	min. 40 h	–
LED display:	Shaking speed and runtime	Shaking speed, runtime and charge state	Shaking speed and runtime
CO ₂ concentration:	20 %	5 %	5 %
Relative humidity:	~ 95 % non-condensing	~ 95 % non-condensing	~ 95 % non-condensing
Ambient temperature:	4° C – 45° C	4° C – 45° C	4° C – 45° C
Electrical supply:	100 - 240 V, 50/60 Hz	100 - 240 V, 50/60 Hz	100 - 240 V, 50/60 Hz
Enclosure protection:	IP 21	IP 21	IP 21
Heat emission:	max. 4 W	max. 4 W	max. 4 W
Dimensions (w x d x h):	230 x 340 x 145 mm	250 x 415 x 145 mm	250 x 415 x 145 mm
Weight:	7,6 kg	10,5 kg	8,1 kg
Scope of delivery:	Basic device incl. basic platform and rubber mat	Basic device incl. basic platform and rubber mat, with battery charger/power unit	Basic device incl. basic platform and rubber mat
Features:	Soft start	Soft start	Soft start
	Direct drive without drive belt	Direct drive without drive belt	Direct drive without drive belt
	Minimal heat emission	Minimal heat emission	Minimal heat emission
	Stainless steel components	–	–
	External control unit with LED display	Control unit with LED display	Control unit with LED display
Accessories:	Universal tray KM Mini	Universal tray KM Mini	Universal tray KM Mini
	Universal tray KM	Universal tray KM	Universal tray KM
	Clamping strips KM	Clamping strips KM	Clamping strips KM

Subject to technical alterations and mistakes.



Medical Technology



Biotechnology



Food Industry



Pharm. + Chemical Industry



Research & Development



Universities



Beverage Industry



Research Institutes



Automotive Industry



Edmund Bühler GmbH
Since 1880