

CO₂-COVER KM SET

CELL CULTIVATION & MICROMANIPULATION

CO₂-Cover KM Set
150-800 501
Illustration with Universal Mounting Frame KM and Click-In System with insert plate for "35" Petri dishes

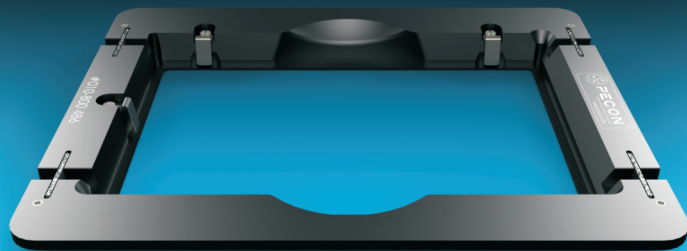


CO₂-Cover with two sliding inserts for the cultivation & micro-manipulation of cells in combination with Universal Mounting Frame KM.



APPLICABLE WITH

Universal Mounting Frame KM
010-800 486

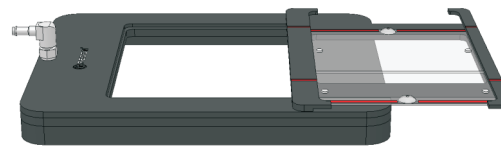


The innovative, exchangeable CO₂-Cover KM Set provides for a constant gassing of cell cultures with CO₂ and/or N₂ and creates a relative air humidity of approx. 90% inside the small incubator interior. The cover has been purpose-built for the application together with the **Universal Mounting Frame KM** and is suited for various cell culture vessels, e. g. "35" and "60" Petri dishes, POC-Systems, object slides and chamber slides of different brands in combination with PeCon's **Click-In System**. The two sliding inserts permit an individual usage according to requirements.

CELL CULTURE VESSEL*



CO₂-COVER KM SET



INSERT PLATE



UNIVERSAL MOUNTING FRAME KM



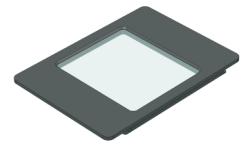
* "35" + "60" Petri dishes, POC-systems, object slides + chamber slides

THE BENEFITS AT A GLANCE:

- Complete incubation solution in combination with a large heated chamber incubator.
- Relative humidity of approx. 90% under the CO₂-Cover.
- Fits to the **Universal Mounting Frame KM** and various insert plates of the **Click-In System Premium**.

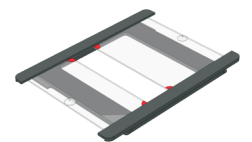
- Exchange of the cell culture vessel is possible without the effort of taking off the CO₂-Cover.
- Very smooth-running glass covers.
- Optimal for micromanipulation and the pipetting of fluids.
- The CO₂-Cover consists of black PMMA und is supplied as a set, comprising two variants of sliding inserts.
- The glass of the sliding inserts and slidable glass plates also permits an observation with special microscopy techniques, e. g. DIC.
- The feeding of gas mixtures can be operated with PeCon's gassing control units.

VARIANT 1
SLIDING INSERT WITH FIXED GLASS



CAN BE OPENED COMPLETELY

VARIANT 2
SLIDING INSERT WITH SLIDABLE GLASS PLATES FOR MICRO-MANIPULATION & PIPETTING

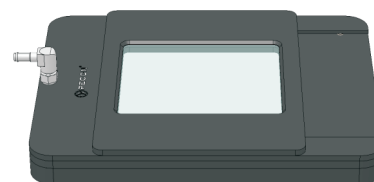


CAN BE OPENED COMPLETELY

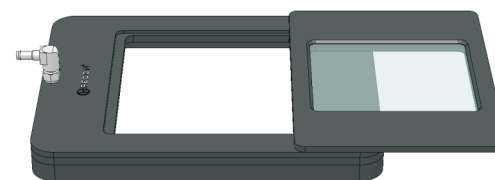
PECON -
SYSTEMS FOR
CELL CULTURE
AND MICROSCOPY

APPLICATION EXAMPLES CO₂-COVER KM SET

VARIANT 1

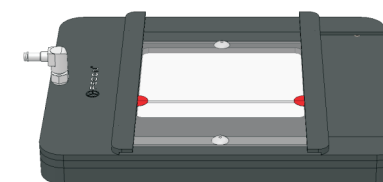


CLOSED SLIDING INSERT

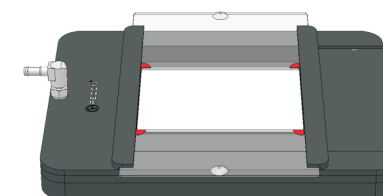


OPENED SLIDING INSERT

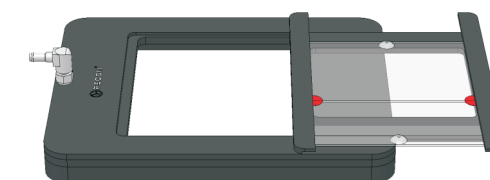
VARIANT 2



CLOSED SLIDING INSERT



OPENED GLASS PLATES



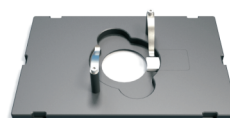
OPENED SLIDING INSERT

The CO₂-Cover KM Set is supplied with both cover variants. Variant 1 has a fixed glass plate and can be slid open completely for an exchange of cell culture vessels. Variant 2 features two slidable glass plates and can be slid open completely just as the cover of variant 2. It is suited in particular for micromanipulation and the pipetting of fluids in general. Both cover variants are very smooth-running. The CO₂-Cover KM Set is available as a set including both cover variants.

FURTHER INFORMATION:

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SUITABLE INSERT PLATES OF THE CLICK-IN SYSTEM PREMIUM:



000 440
"35" Petri dishes
(Ø 30 - 40 mm)



000 415
"60" Petri dishes
(Ø 47 - 56 mm)



000 442
POC-R2 & POCmini-2
by PeCon



000 470
object slides and chamber
slides of different brands

COMPATIBILITY