

## InControl 1050

Quality – Made in Germany



Independent measuring device for control and evaluation of CO<sub>2</sub>, temperature and O<sub>2</sub>

### Features:

- Accurate measuring of CO<sub>2</sub>, temperature and optional O<sub>2</sub>
- Single or continuous measurement in arbitrary intervals
- Measurement and documentation of multiple incubators
- Documentation of measurements with date, time and incubator number
- Easy menu navigation
- Continuous operation by Li-Ion battery or mains adapter possible
- Data-Download via USB; PC software DataVISUAL`19 incl.
- Compatible with Windows up to and including Windows 10

### Scope of supply:

- InControl 1050 including Transport case
- Mains adapter
- Tubing, adapter and condensation trap
- PC software: DataVISUAL`19 (on USB-Stick)
- USB data cable

REF 14709



## Technical data

### Case:

- Plastic (ABS)

### CO<sub>2</sub> measurement:

- Dual beam IR sensor
- Range: 0 – 10 % CO<sub>2</sub>
- Display definition: 0.1 % CO<sub>2</sub>
- Accuracy:
  - 0 – 6 % CO<sub>2</sub> ± 0.2 % CO<sub>2</sub>
  - 6 – 10 % CO<sub>2</sub> ± 0.3 % CO<sub>2</sub>
- Sample volume per measurement (2 min.): approx. 0.8 l

### Temperatur measurement:

- Platinum temperature sensor PT1000
- Range: 0 – 100 °C
- Display definition: 0.1 °C
- Accuracy:
  - 20 – 50 °C ± 0.2 °C
  - 50 – 100 °C ± 0.3 °C

### O<sub>2</sub> measurement:

- Galvanic sensor
- Range: 0 – 100 % O<sub>2</sub>
- Display definition: 0.1 % O<sub>2</sub>
- O<sub>2</sub> sensor not included

### Data logger:

- Recording of measurement logging in arbitrary intervals
- Output of measurements via:
  - backlit LCD
  - PC software Data Visual'19 (via USB data cable)
- Interval for data logging: 15 – 120 min. adjustable in steps of 5 minutes
- storage of max. 1008 measurements with date and time

### Power supply:

- Rechargeable Li-Ion battery
- Power supply 100 – 240 V AC, 5 V DC 1.5 A

### Operation time:

- Use of rechargeable battery approx. 4 h
- Time to recharge battery approx. 4 h



## Optional accessories:



Sensor for O<sub>2</sub> measurement

REF 10556



Flat tape sensor PT1000 for temperature measurement inside Labo C-Top or other benchtop incubators

REF 15064



Surface sensor for temperature measurement

REF 10537



Tubing Set for CO<sub>2</sub> measurements for ESCO Miri®

REF 16440



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