



MGC DIAGNOSTICS®
through its subsidiary medisoft®



Ergocard **CPX** Professional Configurator



Legend :

- Empty point :
Cumulative choice, can be combined with other options.
- Filled point :
Exclusive choice, can not be combined with other options.

Ergocard CPX Professional

● **Ergocard CPX Professional (115 V, 50-60 Hz) base module** Ref: ER-10-01-115

● **Ergocard CPX Professional (230 V, 50-60 Hz) base module** Ref: ER-10-01

Important note

The Ergocard CPX Professional uses an Oxigraf™ laser cell for O₂ analysis.

The base module always includes the ExpAir software with:

- **Cardio-Respiratory**
 - Gas exchange VO₂ – VCO₂ breath by breath
- **NONIN SpO₂ Oximetry**
- **1 Analog input**
- **1 Analog output**
- **Spirometry with Prevent® pitot tube**
 - Resting Spirometry (VC)
 - Forced Spirometry (FVC)
 - Maximum voluntary ventilation (MW)
 - Minute tidal ventilation (Vmin)
 - Reversibility (pre/post)
 - Bronchial challenge, multi-level spirometry

The standard module is vertically mounted on feet.

Start with the base module and follow this path :

- 1 Lung volumes & cardiac output & diffusion
- 2 Other options
- 3 Device mounting
- 4 Non invasive blood pressure
- 5 Heart rate
- 6 ECG
- 7 Treadmill/Ergometer
- 8 Computer
- 9 Trolley

1 Lung volumes & cardiac output & diffusion

● **Lung volumes, diffusion and cardiac output by C₂H₂ dissolution**

● **Inspiratory bag**

- FRC by Nitrogen washout/LCI with inspiratory bag (FRC-N₂ IB)
Includes closing volumes (N₂ slope) Ref: ER-10-02
- DLCO CH₄ with inspiratory bag (DLCO CH₄ IB)
Includes DLCO intrabreath (DLCO ib) Ref: ER-10-14
- **Cardiac output by C₂H₂ dissolution with inspiratory bag (QT-C₂H₂ IB)** Ref: ER-10-16
- DLCO CH₄, DLCO intrabreath and cardiac output by C₂H₂ dissolution with inspiratory bag Ref: ER-10-18

● **Demand valve**

- FRC by Nitrogen washout/LCI with demand valve (FRC-N₂ DV)
Includes closing volumes (N₂ slope) Ref: ER-10-03
- DLCO CH₄ with demand valve (DLCO CH₄ DV)
Includes DLCO intrabreath (DLCO ib) Ref: ER-10-15
- **Cardiac output by C₂H₂ dissolution with demand valve (QT-C₂H₂ DV)** Ref: ER-10-17
- DLCO CH₄, DLCO intrabreath and cardiac output by C₂H₂ dissolution with demand valve Ref: ER-10-19

● **Cardiac output by CO₂ rebreathing (QT-CO₂)** Ref: ER-10-04

2 Other options

- Ventilation effort study Ref: ER-10-07
- Hypoxic & Hyperoxic testing Ref: ER-10-08
- Negative Expired Pressure (NEP) Ref: ER-10-09 - **Exclusivity**
- Indirect calorimetry with mask Ref: ER-10-10
- 2 additional analog inputs Ref: ER-10-11

3 Device mounting

- Left vertical mounting on trolley Ref: ER-10-20
- Right vertical mounting on trolley Ref: ER-10-21

4 Non invasive blood pressure See ECG / NIBP configurator

5 Heart rate Heart rate belt Ref: HR-00-01

6 ECG See ECG / NIBP configurator

7 Treadmill/Ergometer See Treadmill and Bicycle Ergometer configurators

8 Computer See IT Hardware configurator

9 Trolley See Trolley configurator

All the options listed are available depending on the products and may be unavailable within some countries.



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