The universal cardio pulmonary exercise testing system

Ergostik

The Ergostik delivers reliable results for a wide range of performance.

› *Light-weight flow sensor*

› *Flexible screen presentations*

› *Intelligent determination of threshold*

BLUE CHERRY

Geratherm®
Respiratory

Spirometry CPET PFT

Ease of use with full flexibility - the cardio pulmonary exercise testing system for each application

Ergostik

Light-weight flow sensor

The low weight and the low dead space of the flow sensor are particulary comfortable for the patient.

Flexible screen presentations

The screen display and the report can be configured individually to include graphs, tables and semi-automated diagnosis text.

Intelligent determination of threshold

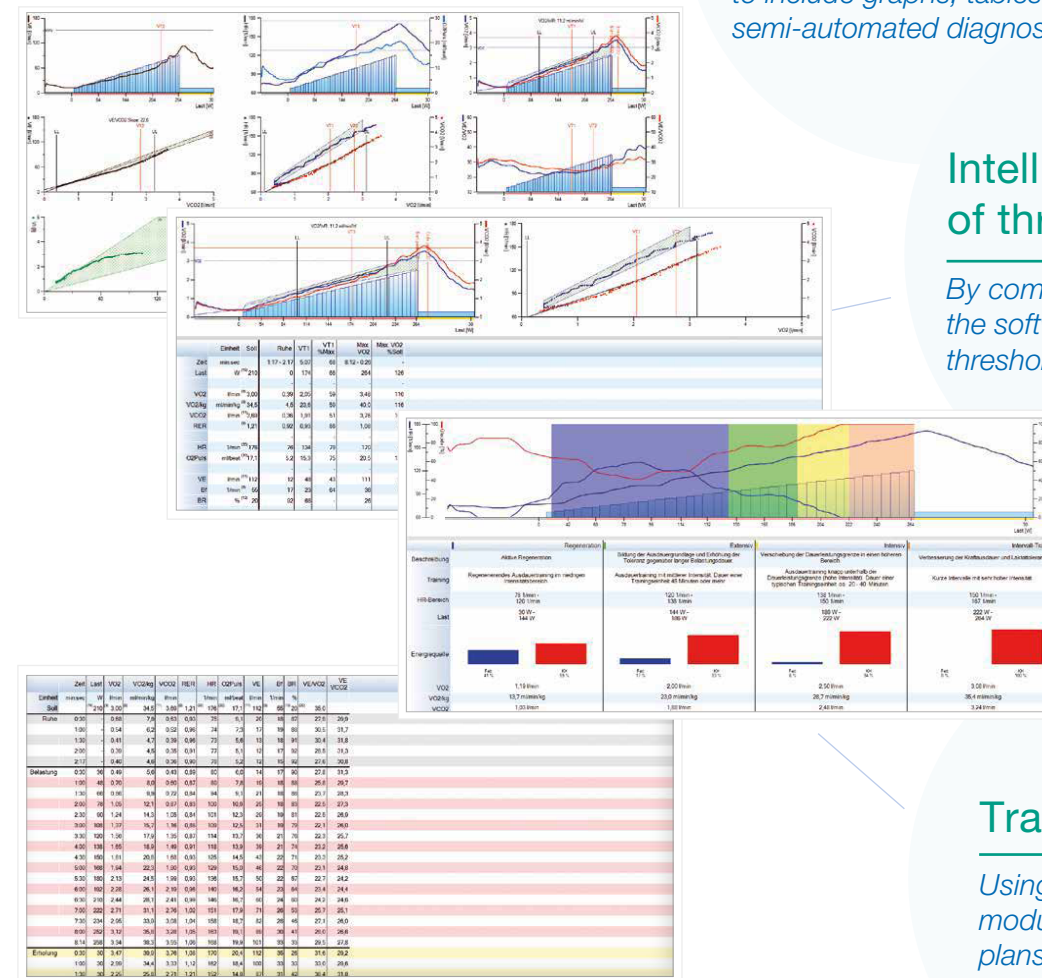*By combining different models, the software reliably detects all thresholds.*

Training planner

Using the optional training module, individual training plans can be generated for the patient.

State-of-the-art software for pulmonary function diagnostic

BLUE CHERRY® *uses a powerful SQL database to store data. This allows* Ergostik *to either be optimally integrated in a complex network environment or to be used as a single-user solution cardio pulmonary exercise testing system.*

- Easy installation
- Clear and well layed out screen presentation
- Easy and flexibly upradable
- GDT and HL7 interfaces
- Networkable
- Powerful SQL database for secure data management and statistical evaluations
- WYSIWYG report generator

BLUE CHERRY®

Ambient conditions

All ambient influences can be compensated using the options Ambistik and CO2stik.

Geratherm®
Respiratory

Ergostik

Technical data

Tests	
Standard	CPET, Spirometry, Flow-volume, MVV
Optional	REE, breathing pattern analysis, N2 washout, broncho provocation

Test electronic	
Dimensions	210 mm x 175 mm x 75 mm (L x W x H)
PC interface	USB 2.0
Power supply	100 - 240 V / 50 - 60 Hz / 60 VA
Sampling rate	125 Hz
Software	BLUE CHERRY® (requires Windows 8.1 or newer version)

Flow sensor	
Principle	Differential pressure (Ergoflow)
Range	± 16 L/s
Accuracy	± 3 % or 50 mL/s, all ATS/ERS specifications
Dead space	< 32 mL
Resistance	< 0.12 kPa/(L/s) < 14 L/s

O2	
Principle	Electrochemical cell
Range	1 - 100 %
Accuracy	± 0.1 vol% (13 % - 21 %) / ± 1 % FS
t10-90	< 90 ms (after filtering)

CO2	
Principle	Infrared spectroscopy
Range	0 - 13 %
Accuracy	± 0.1 vol% (2.5 % - 7.5 %)
t10-90	< 90 ms (after filtering)

Geratherm Respiratory GmbH is a subsidiary of Geratherm Medical AG. All products of Geratherm Respiratory GmbH meet ATS/ERS criteria and other applicable international standards and guidelines. Geratherm Respiratory GmbH is certified according to DIN EN ISO 13485.

Accessories

Ergoflow

REF
139094

CO2stik

REF
197357

CE
0494

Your Geratherm Respiratory partner:

Further information:

Geratherm®
Respiratory

Spirometry   CPET   PFT