

The flexible CO diffusion



*Diffustik*TM

*The Diffustik adapts
to your needs and to
those of your patients*

- › *Modular concept*
- › *Large swivable range*
- › *Offline processing*



Geratherm[®]
Respiratory

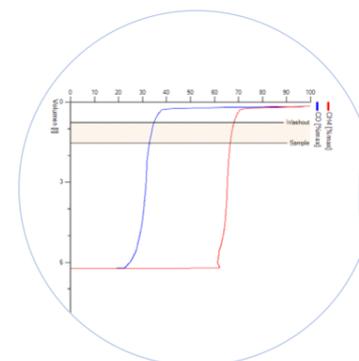
Spirometry

CPET

PFT

Responsiveness and precision – the basis for accurate CO diffusion testing

Diffustik™



Gas/volume screen presentation

The evaluation of distribution disorders is possible by showing CO/CH4 over exhaled volume.

Offline processing

The manual correction of washout and sample volume allow valid results even in difficult tests.

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

Blue Cherry™ uses a powerful SQL database to store data. This allows Diffustik™ to either be optimally integrated in a complex network environment or to be used as a single-user solution CO diffusion.

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



Modular concept

The CO diffusion can be extended with additional options such as MIP/MEP and ROCC or integrated in the Bodystik system.

Large swivable range

The height of the measuring apparatus can be adjusted quickly over a large swivable range and allows measuring in standing and sitting position.



upward and downward swivable by approximately 60 degrees

System solution

Devices and review workstations can easily be combined to a productive total system and can be networked via GDT or HL7 interface in the local PMS/HIS.

Patient cooperation feedback

The quality of a maneuver is evaluated according to ATS/ERS criteria and feedback is given to patient cooperation.

Geratherm® Respiratory

Technical data

Tests	
Test programs	Spirometry, Flow-volume, CO-Diffusion, MW
Test procedures	Individual test, Pre/Post, Broncho provocation
Options	MIP/MEP, Compliance, Rocc/Rint
Interpretation	
Diagnosis	(Semi-)automatic according to ATS/ERS 2005 Proprietary interpretation graph
Quality control	Acceptability and Repeatability according to ATS/ERS 2005
Predicted sets	GLI 2012, ECCS 1993, NHANES III, Zapletal etc.
Predicted presentations	Predicted, LLN, ULN, % Predicted, Z Score
Test electronic	
PC interface	USB 2.0
Power supply	100 - 240 V / 50 - 60 Hz / max. 120 VA
Software	Blue Cherry (requires Windows XP SP2 or newer version)
Sensors	
Flow	Differential pressure (Ergoflow) ± 16 L/s, Accuracy meets all ATS/ERS specifications
Mouth pressure	Semiconductor ± 25 KPa, Accuracy ± 0,25 % FS
CO	Infrared absorption 0 - 3500 ppm, Linearity < 1%, Reproducibility < 0,5%
CH4	Infrared absorption 0 - 3500 ppm, Linearity < 1%, Reproducibility < 0,5%

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

Neumofilt
Item code:
10.003



3l-Syringe
Item code:
10.801



Your Geratherm Respiratory partner:

CE
0494

Further
information:

