



Vyntus CPX[®]

Powered by SentrySuite[®]



The new Jaeger[®] Vyntus CPX excels in powerful CPET diagnostics and prognostic value.

Excellence in performance and clinical output

Smart tools that reduce time-to-result

Accessible diagnostics for all types of users





Vyntus CPX represents a new generation of professional exercise diagnostics

The versatile **Vyntus CPX** works with either a stationary PC to comfortably test subjects in your practice, hospital or research lab, or a notebook turning it into a compact CPET station reducing the footprint to a minimum.

Vyntus CPX supports all of the essential CPET applications:

- Breath-by-breath CardioPulmonary Exercise Testing
- Spirometry, incl: FVC, SVC, MVV and Pre/Post testing
- Exercise Flow Volume Loops (EFVL)
- Resting Energy Expenditure (REE, FAT...)
- Automatic control of bike / treadmill / blood pressure
- Online entry of RPE scale, blood gases, BP, events, incl. reporting
- Threshold determination
- Slope calculation
- Editable baseline and peak evaluation
- Report Designer for customised reports incl. export to Excel® format

Medical cart for increased mobility

- Treadmills in various sizes and specifications
- Cycle ergometers with/without integrated blood pressure unit
- Tango® blood pressure monitor
- GE CAM USB CardioSoft 12-Channel-PC-ECG
- ECG interface
- Integrated SpO2
- Saliva pump
- Blood Gas analyser interface

Optional workflow applications:

- Questionnaire Designer
- Tablet Questionnaires
- Networking with Report stations for review and interpretation
- Web-based evaluation of PDF reports through Sentry.NET
- EMR, CIS and HIS data integration through SentryConnect

Powerful diagnostics removing the guessing from stress testing.

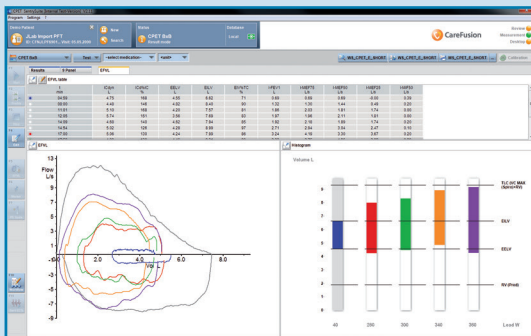
With SentrySuite software powering Vyntus CPX you can now benefit from a workflow centric platform that suits everyday use.

Smart tools reducing time-to-result:

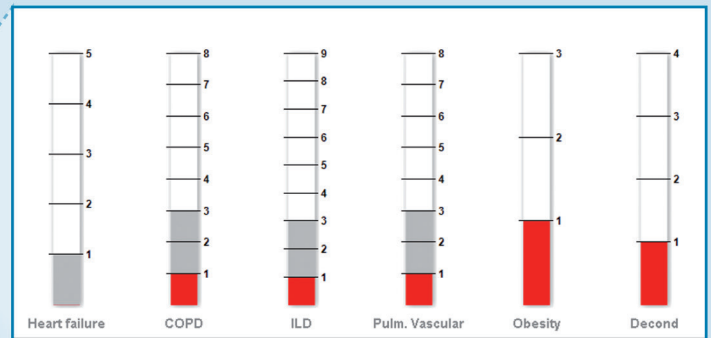
- Fully automatic flow, volume and gas calibration
- Guided set-up of the exercise test protocol
- Programmable events like Exercise F/V-loop and Blood Pressure measurement
- Automated CPET evaluation workflow



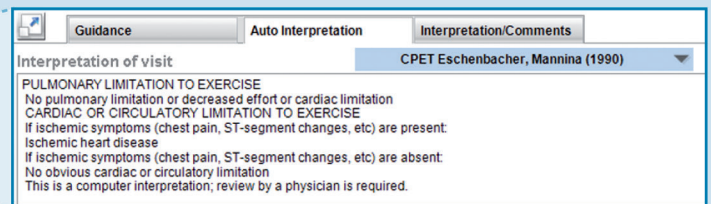
Clear summary of key data incl. ATS/ERS possible limitations chart, auto-interpretation and classification bar



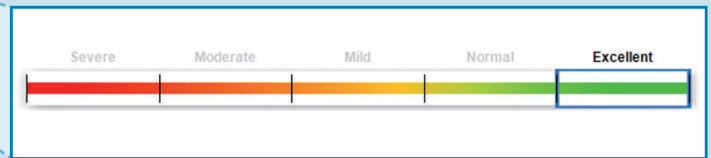
Flow limitation testing with dynamic hyperinflation trending graph



Possible limitations chart with 6 types of physiological conditions based on the interrelationship of 9 parameters¹

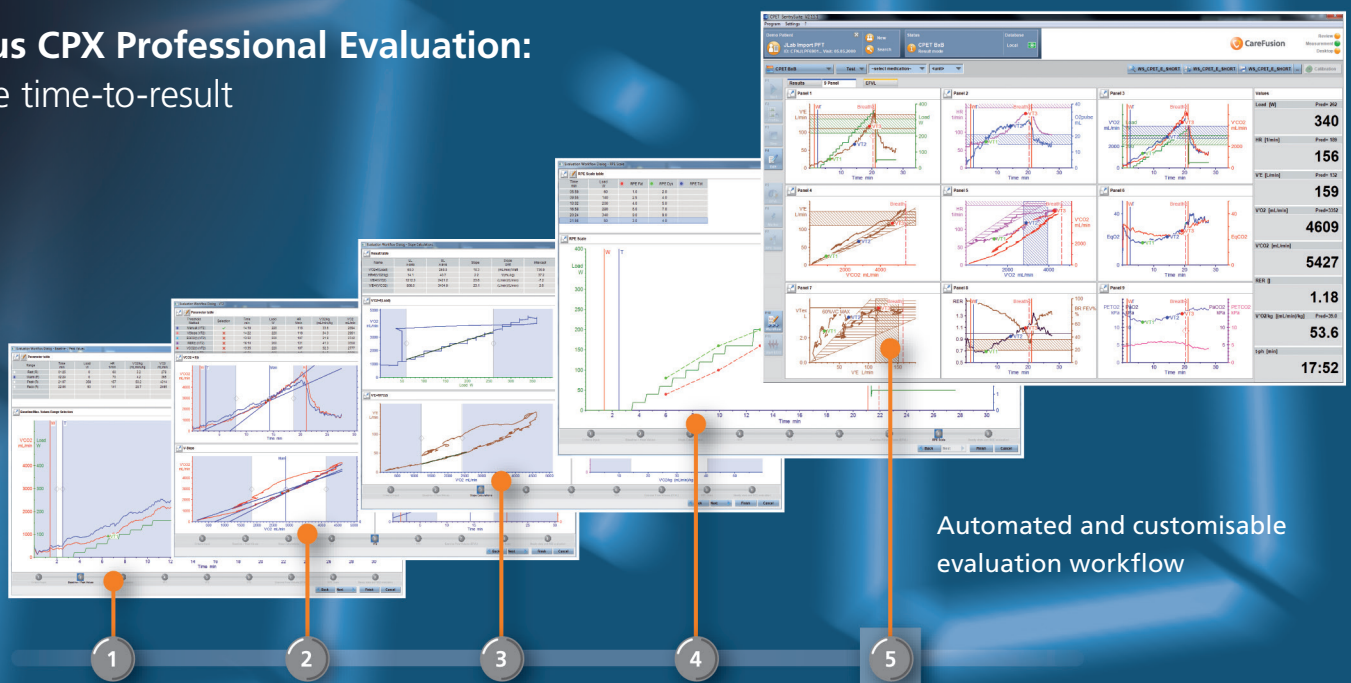


Comprehensible auto-interpretation²



Quick classification bar based on $\dot{V}O_2\text{max}$ %Pred³

Vyntus CPX Professional Evaluation: reduce time-to-result



Automated and customisable evaluation workflow


The “CareFusion Experience”

CareFusion’s Respiratory Diagnostics division is active in over 120 countries and headquartered in Germany and USA. It is an organisation with over 60 years’ experience in the field of pulmonary function testing founded on the reputed brands: Godart, Mijnhardt, JAEGER®, Beckman, Gould, Micro Medical, SensorMedics® and VIASYS®.

With over 500 employees at CareFusion RDx, we strive to continue the rich tradition of supplying reliable, professional and accessible cardiopulmonary diagnostic devices and services. Today we expand our offer to you with new diagnostic concepts and future oriented workflow and H-IT solutions. In conjunction with our global support organisation we at CareFusion RDx are at your service in almost any country in the world.

References

- 1) Weisman I.M., Zeballos RJ (eds): Clinical Exercise Testing. Progress in Respiratory Research. Basel, Karger, 2002, vol 32, pp 300-322.
- 2) Eschenbacher W. L. and Mannina A. CHEST: An algorithm for the interpretation of cardiopulmonary exercise tests. Chest 1990; 97; 263-267.
- 3) Löllgen H., Erdmann E., Gitt A.K.: Ergometrie, 3. Edition SPRINGER-VERLAG (2010)

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