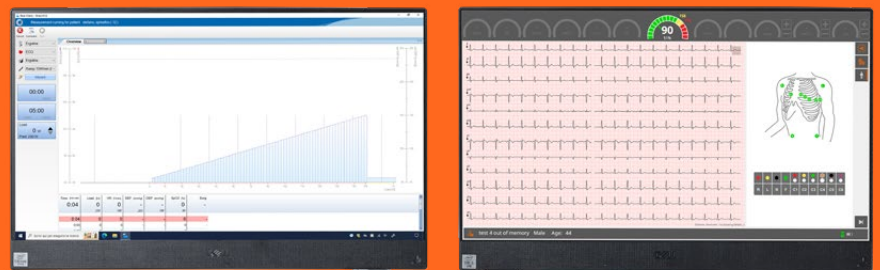# Cardioline CPET solution

The Cardioline CPET integrates the cardiac information from the traditional stress test software Cubestress with the metabolic gas analysis of the Blue Cherry platform from Geratherm.

It is particularly suitable in the early diagnosis of Ischemic Cardiomyopathy, Congenital Cardiomyopathy, Heart Failure and Pulmonary Hypertension, but it is also a valuable ally both in Sports Medicine and in Cardiac Rehabilitation.

Improved Diagnostic Accuracy

The versatile, lightweight, and robust ECG acquisition module (HD+) provides comfort to the patient and extreme flexibility to the user thanks to the Low Energy Bluetooth (BLE) or USB cable connectivity. This is combined with an accurate impedance check feature to ensure high quality Clinical ECG waveforms.

Enhancing Clinical Accuracy

With the availability of HD+ 12 and HD+ 15 that helps to identify RV & LV Posterior & Lateral Wall ST Changes. Moreover, the selection of QT/QTc trending improves the assessment of the Sudden Cardiac Arrest Risk.

State of the Art algorithm for Artifact reduction

SENSA (Stress ECG Noise Suppression Algorithm) cleans data without altering the true ECG Waveform/Activity for Accurate analysis
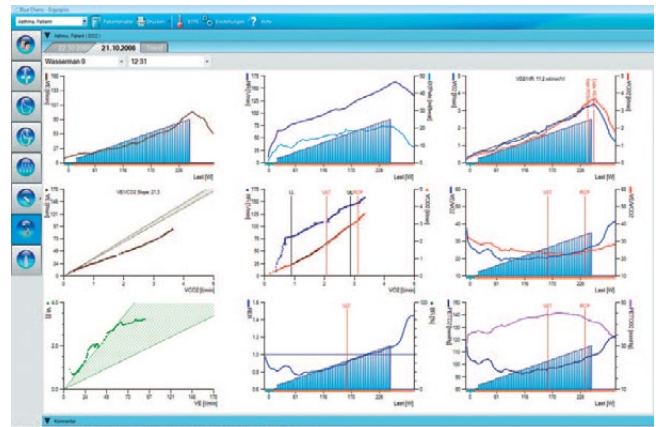
Light-weight flow sensor

The lightweight and the small dead space of the Flow sensor optimizes patient comfort and data accuracy.

Flexible solution

Designed to either be optimally integrated in a complex network environment or to be used as a single-user solution cardio pulmonary exercise testing system.

Enhanced experience

The system consists of a single PC and Dual Monitor set-up to enhance the Real-time experience. The screen display and the report can be configured independently to include graphs, tables, and semi-automated diagnosis text.

CARDIOLINE