

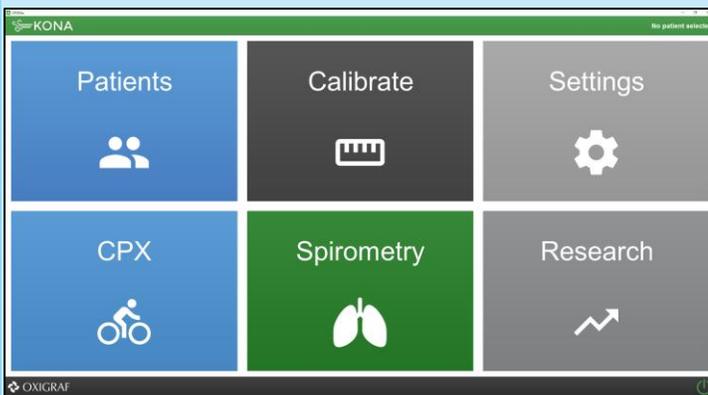
KONA Software Designed for The Model O2CPX

- The KONA application pairs with the O2CPX table-top analyzer-with the gold-standard, long lifespan, fast O2 sensors-to provide next-generation cardio-pulmonary exercise testing (CPX) capabilities.
- The intuitive interface makes it easy for anyone to perform accurate tests. Sensor Calibration is quick and the mouthpieces do not need to be calibrated.
- Test results can be analyzed in 2560x1440 resolution and 16:9 aspect ratio graphics and custom reports can be generated. A multi-station, shared, relational database version is available, which allows for multiple tests sites and the ability to review results anywhere, on Microsoft Windows devices.

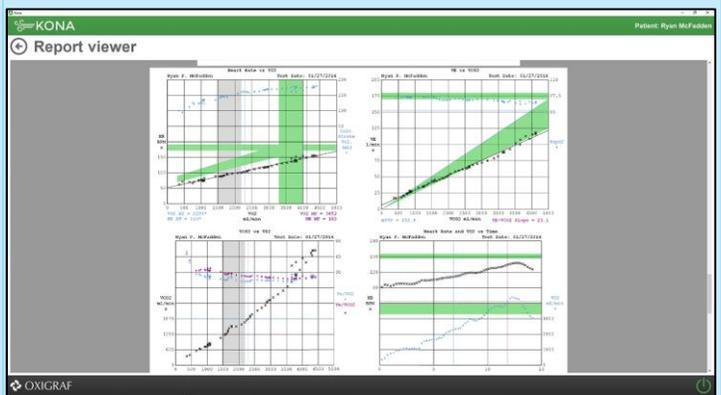


Sample Screenshots

- Intuitive navigation.

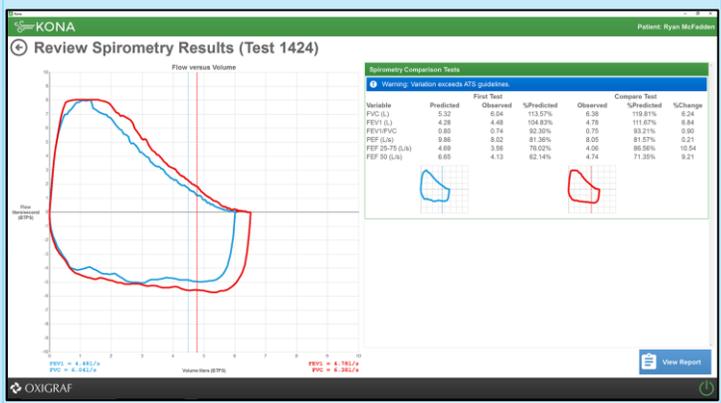


- Reporting with charts and tabular data.



- Multi-chart review with visual AT and V02 Max override.

- Includes built-in spirometry testing, with pre and post exercise FVC tests screens.



Software Features

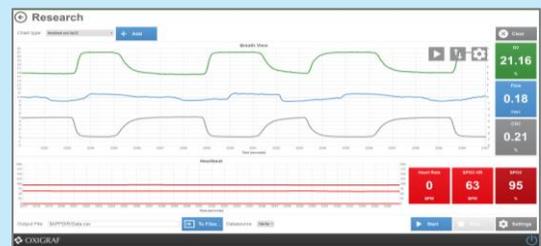
- Next generation cardiopulmonary exercise testing screen, with interactive breath-by-breath validation.
- Visual test results viewer with custom charts and tabular breath-by-breath view. Automatic VO2 and anaerobic thresholds can be manually overridden.
- Custom reports including charts and key metrics.
- FVC spirometry comparison test and pre/post FVC comparison test. Spirometry reports can be generated independently.
- Patient management section with demographic information.
- Easy calibrate screen. Pneumotachs are easily calibrated by entering a quick code.
- Automatic flow volume correction using built in, temperature, humidity and barometric pressure sensors.
- Oxygen saturation and polar heart rate input.
- Optional ECG stress-test integration.
- Optional multi-node test site version with shared relational database engine and support for 25+ test and review stations.

Key Performance Metrics

- VO2, VO2/minute/kilogram, Peak VO2 (VO2Max).
- VCO2 and VCO2/minute/kilogram.
- Anaerobic threshold.
- Heart rate.
- Heart rate to VO2 slope
- Oxygen saturation (SpO2).
- Minute ventilation (Ve) and tidal Volume (Vt)
- Ventilatory equivalents (Ve/VO2 and Ve/VCO2).
- Respiratory exchange ratio (RER) and respiratory rate (RR).
- End tidal (ETO2/ETCO2 and PETO2/PETCO2).
- METS.
- Breathing reserve.
- Max tidal volume.
- Spirometry: FVC, FEV, FEV1/FVC, PEF, PEF 25-75, and PEF 50.
- Calculated stroke volume.
- VE to VCO2 slope.
- And many more...

Value-Added Research Tools

- Run live streaming data sessions on all key O2CPX sensors.
- Start and pause sessions interactively.
- Log metrics to a file and open directly into Excel or other spreadsheets applications.



Oxigraf has a comprehensive sale, service and engineering design and support team at our factory in Sunnyvale, California. Please feel free to contact us with your applications and requirements and let us serve you.