

## ArtiQ.PFT & SentrySuite™ 3.20.5

**Q: What is ArtiQ.PFT?**

A: ArtiQ.PFT is a secure, AI, cloud-based software that, in less than 5 seconds, provides a text characterization of the observed lung function pattern, using the submitted PFT parameters, in accordance with the latest ERS/ATS Standards.

**Q: What is required to use ArtiQ.PFT?**

A: SentrySuite™ software version 3.20.5 or higher is required, along with an internet connection and purchase of unique customer name & license key provided by ArtiQ.PFT.

**Q: Is any personal health information/PHI transferred?**

A: No. Absolutely no PHI whatsoever is transferred to ArtiQ. Only non-identifying fields like height, weight, date of birth, and race, along with measured values are used by ArtiQ.PFT.

**Q: How can I be confident that ArtiQ.PFT keeps my lab and patient data secure?**

A: The connection between SentrySuite™ and ArtiQ.PFT is via a secure https port, where only properly credentialed employees can utilize SentrySuite™ and ArtiQ.PFT. Communication between SentrySuite™ & ArtiQ.PFT is a request-response only. ArtiQ.PFT will never solicit any information from SentrySuite™. For more detailed information (TLS version, https port, etc) please review our Cybersecurity white paper.

**Q: How does ArtiQ.PFT classify the observed lung function parameters?**

A: ArtiQ.PFT uses the latest ERS/ATS standards to characterize lung function. ArtiQ.PFT uses the most up-to-date recommended reference equations wherever appropriate to calculate and determine % of predicted, ULN/LLN, and Z-score values, along with determination of level of severity.

**Q: Can I use my own interpretation statements along with those that ArtiQ.PFT will generate?**

A: Of course! You can manually add any additional comments you prefer or use your own predefined library to click and add your comments to those that ArtiQ.PFT generates. Likewise, you may even edit the suggested ArtiQ.PFT text.

**Q: For which Pulmonary Function tests can ArtiQ.PFT generate text statements?**

A: ArtiQ.PFT will provide text statements for spirometry, bronchodilator reversibility, DLCO, LV, FeNO, and Methacholine Challenge.

**Q: What if I want to use my own reference values?**

A: The best practice within SentrySuite™ is to use the most current equations recommended by the latest ERS/ATS standards, but of course it is possible to use any author equation for your SeS report. ArtiQ.PFT uses author equations discussed in the most current standards, therefore if you chose to use a different author set of equations, your % of reference, ULN/LLN, and Z-Scores might not match the exact output from ArtiQ.PFT. It's worth mentioning, if you use reference equations that are > 30 years old, you may see greater discrepancies. You can find complete details on these differences by visiting [www.ersjournals.com](http://www.ersjournals.com) and reviewing the Official ERS Technical standards for Global Lung Function Initiative reference values for spirometry, DLCO, and lung volumes, as well as the latest ERS/ATS Interpretation standard on interpretive strategies for routine lung function tests.

**Q: When new ATS/ERS standards come out, how long does my lab have to wait to have and use those, and do I have to purchase something new?**

A: ArtiQ is a cloud-based solution, therefore once the new standard is incorporated by ArtiQ.PFT into their software, ArtiQ can deploy those immediately to your device(s) or network for your use, and you will not need to purchase anything more.

**Q: Will ArtiQ.PFT over-ride or reject measured data because a test or trial doesn't meet precise ATS/ERS standards?**

A: No, ArtiQ will never reject observed values it receives from SentrySuite™. In keeping with the recommendations of the ATS/ERS standards, the expertise of the staff performing the test, as well as the reviewing clinician will always take precedent. ArtiQ does not perform an over-read of the patient performance of the test.

**Q: What would cause ArtiQ.PFT to not return a text statement?**

A: If your ArtiQ.PFT license has expired, ArtiQ will not return a text statement. Only a few other scenarios exist where ArtiQ would not return a characterization of lung function: if your internet is not functioning the ArtiQ webserver cannot be reached, if there is implausible data within the subject demographics (weight >660lbs, implausible height, or age under 3 years).

**Q: Do all my devices require internet capability?**

A: No, only the SentrySuite™ server requires internet capability in a networked solution; the measurement instruments themselves would not require internet connectivity. If there is a Physician SentrySuite™ local reading station with networked measurement systems, only the Reading station requires internet connectivity. If the measurement device itself is also the SentrySuite™ reading station, that measurement instrument would require internet connectivity.

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