



Thorasys tremoflo™



Airwave Oscillometry fundamentals

The tremoflo C-100 measurements are fast and easy while the patient just breathes quietly.

To assess respiratory function, the tremoflo adds a gentle oscillatory wave to the patient's, regular quiet breathing. A short measurement duration of only 20 seconds allows for three repetitions within a couple of minutes, even in patients who have difficulty performing spirometry.



The importance of small airways

The tremoflo quickly and easily provides information related to small airway function, which are frequently involved with early course of asthma and COPD diseases. Sometimes even prior to symptoms or changes in spirometry or imaging. Airwave Oscillometry is a great for early diagnosis and prognosis with the combination of spirometry.



Features

- Compact and portable—only 1.5 lbs
- Easy daily calibration—less than 30 seconds
- Fast and easy—test in a few minutes
- Tidal breathing—no forced expiration
- Adult & pediatric—normative values provided



Fast, easy, portable

Combined with CompAS2 and only tidal breathing

- Intra-breath analysis of pattern & time-course
- Respiratory mechanics information related to small airways
- Pre and post testing with automated workflows
- One easy to use software platform for continuum of care, EMR integrations, and remote interpretations
- Research Query Tool
- With the latest ATS guidelines

Thorasy's tremoflo C-100™

Shaping new perspectives
on pulmonary function



Capabilities

Test capability: Airwave Oscillometry System (AOS), Resistance at 5 Hz (R5), Resistance Change, 5 to 20 Hz (R% - 20), and Resistance Area (AX)



ComPAS2 features

Direct interface, reporting and trending in ComPAS2

PC operating system: Networked or stand-alone
Windows 10

Standard predicted sets: GLI, ATS/ERS, NHANES III, Polgar, Knudson, Crapo and Morris, HSU, Wang and Dockery, and many more. Custom predicted sets are easily customized.

Reporting: Brilliant library of report options including

- Logo and header design
- Manual entry information
- Numerous test graphics
- Summary of all efforts
- Overlay of graphics
- Past test result history
- Serial data trend graphing
- Computer impressions
- Captured digital signature
- Administrative reports, QA reports, and research query reports

Interfacing: HL7 Orders/Results/Billing and PDF

Remote interpretation: When tests are completed, results can be routed to any network/internet-connected station for physician interpretation.

Remote support: ComPAS QuickSupport with TeamViewer or other secure remote access solution



Specifications

Model number: C-100

Size (h x w x d): 5 x 5.5 x 9.5 inches with cradle

Weight: 1.5 pounds

Measurement principle: Oscillometry
(Forced Oscillation Technique, FOT)

Oscillator technology: Breathe-through vibrating mesh (patented)

Measurement modes: AOS: Pseudo-random noise

Measurement duration: @0 sec (min.), user adjustable, 3 repetitions (as per guidelines)

Patient interface: Bacterial/viral filter with integrated mouthpiece

Performance: Meets and exceeds ERJ 2003, 22: 1026-1041

ComPAS2 software by Morgan Scientific, Inc.
Certificate # QS60949650004 Rev. 02: MDSAP
ISO 13485:2016/FDA 21 CFR 803, 806, 807
Subparts A to D, 820/CMDR