



Intuitive Touchscreen Spirometry

The Astra300 puts the sophistication and simplicity of a touchscreen in the palm of your hand. Enter data, review patient results and send or print reports with precision and ease. Customize your Astra300's firmware to facilitate and expand your testing and reporting functions. Output test data to your PC with AstraPro Spirometry software to further enhance your testing capabilities.



Simply tap on the Astra300's sensitive touchscreen to make available a wealth of useful functions.

SC DIAGNOSTICS

The Spirometry Source

Astra 300™

Astra300 Puts Sophisticated Simplicity in the Palm of Your Hand.

The Touchscreen Makes It Easy. SDI Makes It Accurate.

Easily report your choice of up to 40 spirometry test parameters, all measured accurately and precisely with the highly sophisticated Astra300 Spirometer. Using the bright and sensitive touchscreen, you can easily access multifunctional capabilities and view both graphic and tabular data. Entering patient data, patient testing and reporting couldn't be easier. Exporting test data to a printer or PC via USB is guickly accomplished with just a few stylus taps on the touchscreen. A Bluetooth-to-PC module is available as as option for truly wireless communication.

AccuFlo[™] Digital Turbine



The AccuFlo bidirectional turbine with optoelectronic rotary sensor is easily detached for cleaning. Sapphire bearings ensure optimal performance for the life of the turbine. AccuFlo has a unique flow trigger algorithm that allows tidal breathing prior to the patient expiratory effort making the spirometry test easier for the patient and insuring quality test results.

Multifunctional Capability Allows You the Flexibility of Choosing the Testing Method.



Choose whatever testing configuration fits your needs best:

- Test patients in your office or lab, with a wide array of testing configurations.
- Observe test results in real time.
- Download test results to the patient's permanent record.
- Perform interactive real-time testing on your PC.
- Save results to permanent records or print hard copies of selected data.

Astra300 Features

Choice of 14 Predicted Sets

Optional Bluetooth-to-PC

Bluetooth

Speedy wireless communication

Large touchscreen display

Unique flow triggers Allows tidal breathing for easier, more accurate testing

acceptability

Highly configurable program Choice of custom or pre-set programs

..... Optional Pulse Oximetry

Standard USB connection to PC and printer Fast and easy direct communication

AccuFloDigital **Turbine Transducer**





Comprehensive reporting

Configure your final reports to detail only the information you need to assist you in arriving at a diagnosis or an interpretation of the patient status.

AstraPro[™] Software Expands Astra300 Versatility

Sophisticated communication links allow patient test data transfer from the spirometer to PC archive or output to EHR. Perform real-time pre- and postbronchodilator and bronchial challenge testing or utilize the incentive program with your pediatric patients.

Astra300 communicates with your PC directly via USB or wirelessly via the optional Bluetooth module.





and SSA.





Automated maneuver Assures accurate results

> AstraPro spirometry software included

Measures over 40 parameters of FVC, VC and MVV

includes latest NLHEP guidelines



Patient information is easily entered as alphabetic or numeric data with just a few taps of the stylus.



View patient data easily on either the graphics screen or scroll through all chosen parameters on the report screen.



To maximize security of patient data and prevent unauthorized use, a custom PIN code access is provided.



The optional SpO₂ module provides additional capability and links directly with your Astra300's RS232 interface.

Optional Occupational Health Module Meets all testing mandates of OSHA

Astra300¹¹¹ Spirometer Technical Specifications

forced Parameters Measured friced Viral Capacity:	PVC, FEVE, HEVE, FEVE, HINE, FEVEPING, REV (FEVE), HIV (AVAC, HEVE) AVAC, PTE HINES, HITES, HITES, HITES, 75, HEF (2018), HET RETENDED, FEVEREVE, FEV (FEE FESE), HIVC, HIVE, HEVE/MES (1996) BV (JUL, ANH), PTE/FEE (1996) Long Age
Relaxed Parameters Measured	Bowin VC, TV: DEC DEC D, TV: Do TV:
Interpretations Preval a real serve Ephnia correctione	5 tetalt best test and last test Ngblighted Selectable – Kroy, Nalws, MSS, NUMEP dissg, sord Selectable – 14 total Selectable – 25 Actual, Casses int, Hispanic, Micoherenicary Selectable – English or Spanish
forse arkited pass cours Volume resolutions Sampling heapeney: Hardware Specifications Strongercoperity Reybeard: Communication: Dimensione Poroit is optic Weight.	45 5% (N 150 E%) 5% chind
Astra 1000 is compatible with	Printers using USB connection and PCL6 dilvers.

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