

Multi-Functional Spirometry – Advanced. Accurate. Affordable.

The Astra200 is designed to provide a whole new level of sophistication to spirometry testing, giving you a wealth of choices in configuring your spirometer to meet your needs. Choose the comprehensive pre-set program or customize your Astra200 to calculate, display and print the data and graphics needed to assist in your diagnosis.

FEU1/FEU6

80.75

From simple hand-held spirometry to interactive testing linked to your PC, the Astra200 provides multi-functional capability in a surprisingly affordable package.



DIAGNOSTICS The Spirometry Source

Astra^{*}200™

Astra200 Puts the Power of Multi-Functional Spirometry in Your Own Hands.

Multi-Functional Capabilities

Whether calculating, displaying or printing, the Astra200 has been designed to offer multiple spirometry test functions, allowing you to decide the level of sophistication that you need for your lab or office. Offering diagnostic testing in a compact hand-held design, the Astra200 is ideal for pre- and post-drug spirometry as well as baseline testing for Exubera[®] patients.

AccuFlo[™] Digital Turbine



The Astra200 is engineered to use SDI's highly accurate AccuFlo bidirectional digital turbine. The AccuFlo, with its unique flow triggers, ensures patient comfort by allowing tidal breathing prior to the test. Its precision will provide consistent, accurate results even at the low flows often encountered in obstructed patients.

Choose the test mode that serves your needs:

True Portability: Mobile Mode

- Test patients in the field*
- Read data directly from screen display
- Completely mobile; no external cable



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*or in the office

Direct-to-Printer: Print Mode

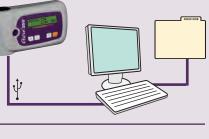
- Test patients in your office
- Connect Astra200 to your printer
- Print custom comprehensive reports

Direct-to-PC: Download Mode

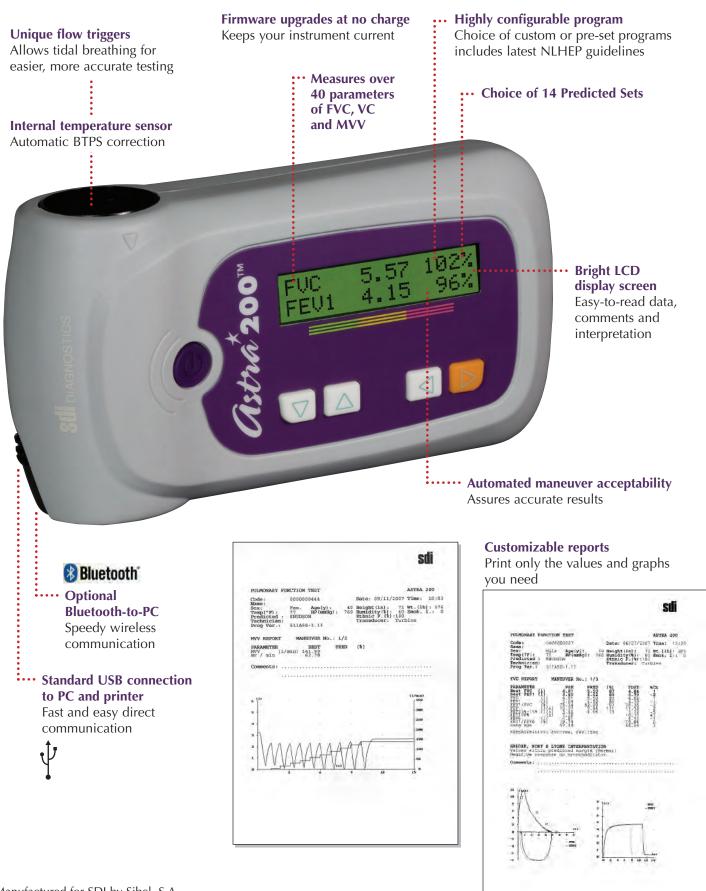
- Test patients in your office or lab
- Connect Astra200 to your PC
- Download test results to the patient's permanent record
- Print selected data from stored files

Direct-to-PC: Interactive Mode

- Connect Astra200 to PC or laptop
- Test patients in your office or lab
- Observe test results in real time
- View comprehensive results or perform bronchoprovocation studies
- Save results to permanent records or print hard copies



Astra200 Features



Manufactured for SDI by Sibel, S.A.



ENTER PIN Pin: 0000

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



A full range of format choices is available to allow you to customize your Astra200 to facilitate your testing and reporting needs.

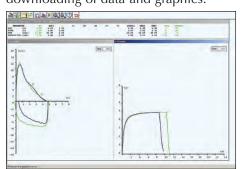


Astra200 follows all 2005 spirometry equipment guidelines outlined by the ERS/ATS.



Measure and observe up to 40 parameters, including current NLHEP values.

AstraPro[™] Spirometry Software Included! Enables interfacing with your EMR system and reporting, printing and downloading of data and graphics.



Perform real-time interactive testing onscreen, link with your EMR system, view pre- and post-drug data and graphs.

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Configure parameters, graphs, incentives and reports.

Astra200[™] Spirometer Technical Specifications

Forced Parameters Measured

	FVC, FEV.5, FEV1, FEV3, FEV6, FEV1/FVC, F FEV.5/FVC, FEV3/FVC, PEF, FEF25, FEF50, F FEF 75-85, FET, FEV1/FEV.5, FEV1/PEF, MIF3 FIV1/FVC, FEV1/FIV1, PIF, MTT, PEV/PIF, Lur	FEF75, FEF25-75, 50, FIVC, FIV ₁ ,
Relaxed Parameters Measured	Br/min VC, TV, ERV, IRV, IC, Ti, Te, Tt, Ti/Tt	
Interpretation: Predicted sets: Ethnic correction:	5 total; best test and last test highlighted Selectable – Kory, Miller, ATS, NLHEP (Ferg Selectable – 14 Total Selectable – % Actual, Caucasian, Hispani Selectable – English or Spanish	-
Precision of Measurements (BTPS) At highest volume: At highest flow: Time related precision: Volume resolution: Sampling frequency:	+/- 5% or 150 mL .5% <6 mL	
Dimensions: Power supply:	5 keys USB to printer and PC, RS232 Optional: Bluetooth to PC 5.75" x 3.25" x 4.0" 2 x 1.5 DC Alkaline or NiMH batteries	Free Carrying Case High-impact plastic case keeps unit and accessories ready for mobile testing.
	9 oz (250 g) printers using USB connection and PCL6 dr	rivers.
Designed exclusively for Astra Spirometers. Free starter pack of 10 filters included with every Astra200.	Cross-section of filter shows placement of interior media. Edge of media is bonded to exterior housing to form a tight seal.	The filter media is tailored to fit inside every mouthpiece, providing an effective guard against cross- contamination.
Your dealer is:		Sdi DIAGNOSTICS The Spirometry Source
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