

**New
From SDI!**

Astra[★]100™

The most affordable way to screen for COPD and asthma!

Whether testing lung function for asthma and COPD or pre-screening and monitoring patients, the Astra100 Spirometer provides ease of use and accurate results in a cost-efficient package.

Test right in your own office rather than sending the patient to a specialist – save time and money for your practice and your patients.

Astra100 Features

- Easy to use
- Fast, accurate results
- Reimbursable – call us for applicable codes
- FVC, FEV₁, FEV₆, FEV₁/FVC, FEV₁/FEV₆, PEF
- NHANES III Predicteds
- Direct report printing
- Pays for itself with as few as 30 patient tests!



Starter pack of 10 AstraGuard™ PFT filters, designed expressly for the Astra100, included with every purchase.



Free padded, high impact plastic carrying/storage case keeps unit and accessories together and ready to use.

Astra100™ Spirometer

Technical Specifications

Parameters Measured

Forced vital capacity: FVC, FEV₁, FEV₆, FEV₁/FVC,
FEV₁/FEV₆, PEF

Measurement Scale (BTPS)

Flow range: 0–16 L/sec

Volume: 0–10 L

Measurement method: Infrared Interruption

Dynamic flow resistance: <1.5 cm H₂O/L/sec @ 14 L/sec

Precision of Measurements (BTPS)

At highest volume: +/- 3% or 50 mL

At highest flow: +/- 5% or 150 mL

Time related precision: .5%

Volume resolution: <6 mL

Sampling frequency: 50 Hz

Hardware Specifications

Keyboard: 5 keys

Communication port: USB to printer

Dimensions: 5.75" x 3.25" x 4.0"

Weight: 9 oz (250 g)

Power supply: 2 x 1.5 DC Alkaline or NiMH batteries

Storage capacity: >150 studies

Predicted set: Hankinson (NHANES III)

Ethnic correction: Caucasian/Hispanic/AfroAmerican

Interpretation: Ferguson (NLHEP)

Astra100 is compatible with printers using USB connection and PCL6 drivers.

AstraGuard™ PFT filters are designed exclusively for Astra spirometers.



AstraGuard PFT Filters

Designed exclusively for Astra Spirometers. Free starter pack of 10 filters included with every Astra100.



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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