

KoKo® DigiDoser

KoKo PFT Spirometer with Built-In Dosimeter



Redefining Accuracy Beyond the Standard

With the same superior features as the KoKo® PFT Spirometer, our KoKo DigiDoser automates timing of challenge stages and dosing intervals to help redefine accuracy, eliminating opportunity for user error, while providing the most advanced, controlled, and reproducible aerosol dosing available.

Redefining Accuracy — Diagnostic Confidence

By incorporating automated dosimetry into the KoKo PFT Spirometer, the DigiDoser reduces patient testing time and associated expenses, making challenge testing a valuable component when diagnosing lung disease. For over a decade KoKo Spirometers have proven successful in diagnostic laboratories worldwide.

Redefining Accuracy — Improving Outcomes

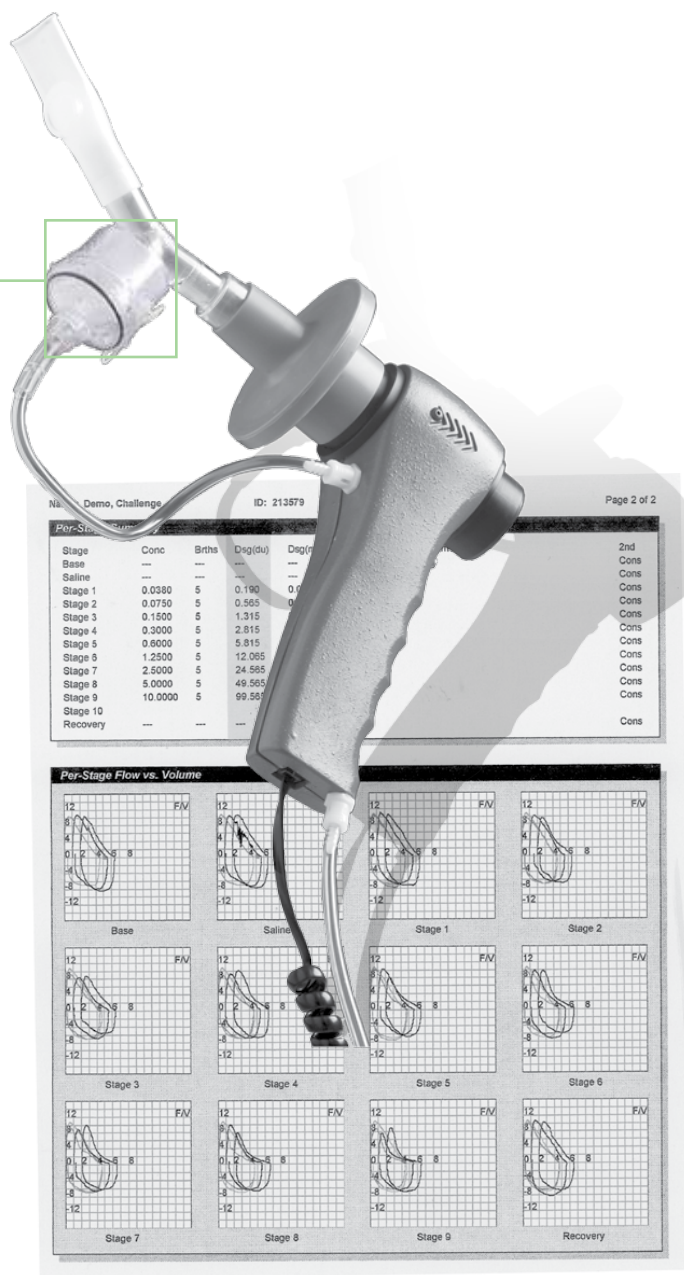
KoKo DigiDoser's advanced automated testing methods use a precise, software-controlled, aerosol dosing nebulizer to provide consistent output, ensuring dose consistency during desired inhalation intervals.

Redefining Accuracy — Proven Technology

- **ATM** (automated testing methods) provides precise construction of dose response curves, and conclusive calculation of delivered aerosol volumes.
- **User-definable software** allows for controlled protocol staging, alarms, and dose delivery.
- **Graphic flow/volume tracking** of patient respiratory cycle. Worksheets and results can be viewed at any stage of the testing process.
- **View dosing intervals** and lung volumes easily with on-screen highlighting.
- **Merlin™** networking and connectivity is fully compatible with the majority of electronic medical record systems (EMR) and hospital information systems (HIS).



Redefining Accuracy. Beyond Expectations.



References:

- Series "ATS/ERS Task Force: Standardisation of Lung Function Testing", Standardisation of spirometry, Eur Respir J 2005; 26: 319-338
- "American Thoracic Society: Guidelines for Methacholine and Exercise Challenge Testing-1999", AM J Respir Crit Care Med 2000; 161: 309-329

Technical Specifications

Includes all Features/Specifications of the KoKo PFT Spirometer in addition to:

Pneumotach:

Brass Fleisch-type Pneumotachometer

Data sampling rate:

128/sec (Serial); 200/sec (USB)

Volume Range:

±16 l

Flow Range:

±16 l/s

Resistance:

<1.5 cmH₂O/l/s when tested with KoKo Moe filter

Accuracy:

±2%, automatic evaluation of test quality, reproducibility, and rank

Dosage protocols:

Preset Rosenthal and Cockcroft (otherwise configurable)

BTPS correction:

Expiratory and inspiratory, conforming to ATS/ERS 2005 standards

Power source:

Serial port supplied external 115-230 VAC Switching Power Supply; USB no external power needed

Software:

Available for all Windows platforms

Computer requirements:

Windows 98 or higher, Pentium® or higher, minimum 120MHz, minimum 32MB RAM, minimum 60MB available space on hard drive, available serial port or USB port, as applicable

Dimensions:

20.5 x 10 x 6 cm; 8.1 x 3.9 x 2.4 inches
0.5 kg; 1.1 lbs

Air pressure source:

Requires pressure regulated source set to 2.06 Bar (30 p.s.i.)

Standard compliance:

ATS/ERS 2005*, ECCS, OSHA, SSD, MDD (Independent validation report available)

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