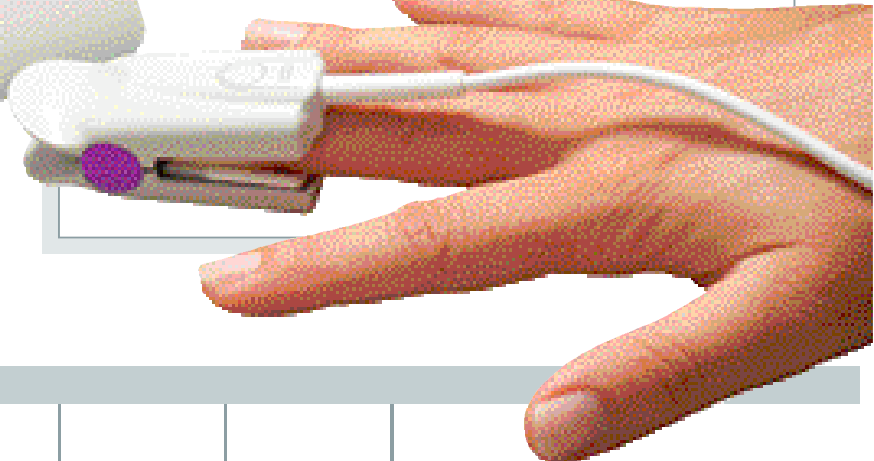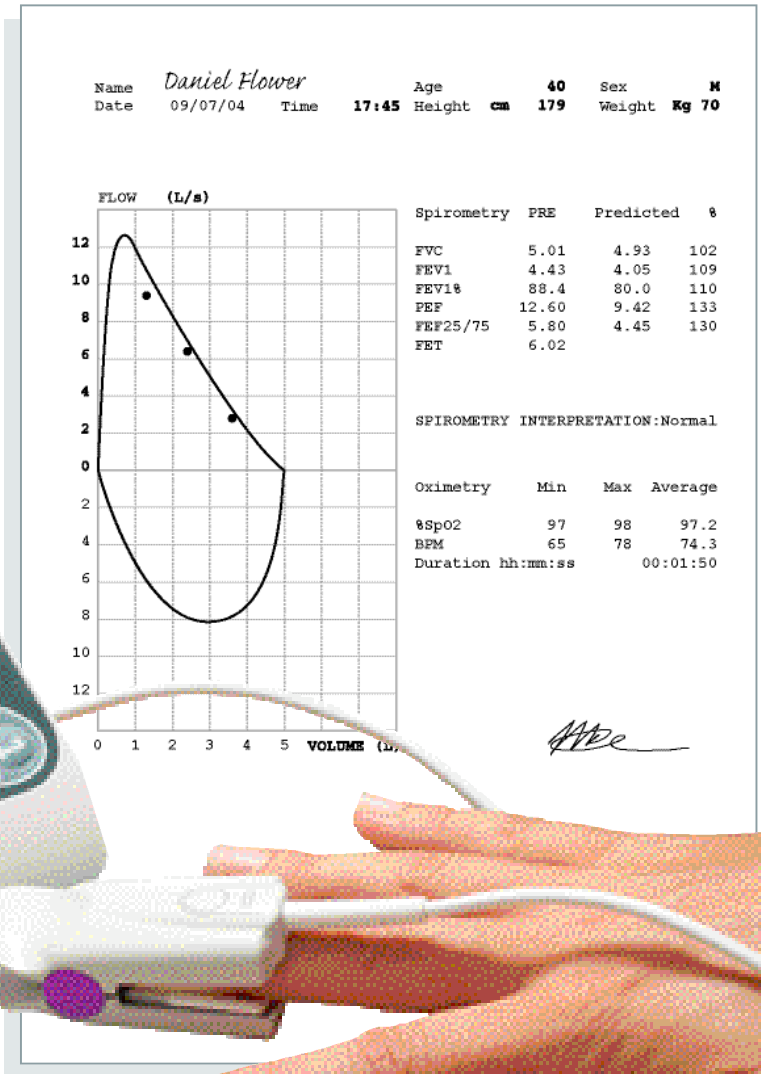MEDICAL INTERNATIONAL RESEARCH

MIR

spirodoc
Pocket spirometer plus oximeter in a single device

the new spirodoc with oximetry option

- Ideal for screening in the doctor's office
- Measures the most important spirometric parameters
- Spirometry interpretation with traffic light indication
- Direct parallel printer connection
- Records spot and long term SpO2 and HR

Name	Daniel Flower		Age	**40**	Sex	**M**
Date	09/07/04	Time **17:45**	Height **cm**	179	Weight **Kg**	70

FLOW (L/s)

Spirometry	PRE	Predicted	%
FVC	5.01	4.93	102
FEV1	4.43	4.05	109
FEV1%	88.4	80.0	110
PEF	12.60	9.42	133
FEF25/75	5.80	4.45	130
FET	6.02		

SPIROMETRY INTERPRETATION:Normal

Oximetry	Min	Max	Average
%SpO2	97	98	97.2
BPM	65	78	74.3
Duration hh:mm:ss			00:01:50

0 1 2 3 4 5 **VOLUME (L)**

%SpO2 97 ♥102 STOP

spirodoc

CE FDA ATS ISO ISO

Spirometry + oximetry

spirodoc is a complete and rapid pocket instrument, ideal for the specialist and also for the General Practitioner. **spirodoc** is ideal to carry out spirometry and oximetry testing anywhere

Simple to use

Switch on, input the patient data (age, height, weight, sex) and start the test

View the test interpretation, the quality control report and the test results without touching the keyboard

With full alphanumeric display plus dedicated info key
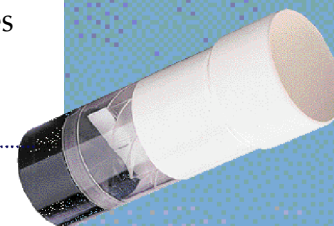
Printout report

The test can be printed with complete spirometry report, Flow/Volume curve, results and predicted values. Oximetry report with min, max and average values

International standards

spirodoc follows the latest ATS/ERS standards and recommendations and includes international predicted values

MIR turbine flowmeter

Based on the infrared interruption principle, it does not require calibration, is shock-proof, is interchangeable and rapid to extract for sterilisation

Technical Specifications Spirometer
Weight: 100 g with battery
Dimensions: 70 x 80 x 30 mm
Flow sensor: Digital turbine
Power supply: 3V Lithium battery CR123A
Keyboard: Membrane keyboard, 5 keys
Display: STN LCD, 2 lines x 16 characters.
Data transmission: RS232 at 9600 baud
Test duration: Maximum 60 s
Flow range: ± 16 L/s
Flow accuracy: ± 5% or 200 mL/s, whichever is greater
Max volume: 10 L
Volume accuracy: ± 3% or 50 mL, whichever is greater
Carring bag included

Technical Specifications Oximeter
SpO2 and BPM audible warnings
Range SpO_2: 0-99%
Accuracy SpO_2: ±2% between 70-100% SpO_2
Range of HR: 30-254 BPM
Accuracy of HR: ±2 BPM or 2%, whichever is greater

Option: RS232 interface cable with serial/parallel converter for external parallel printer

www.spirometry.com