




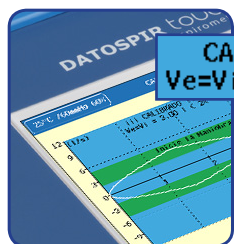
## CALIBRATION

### (C) Making a calibration:

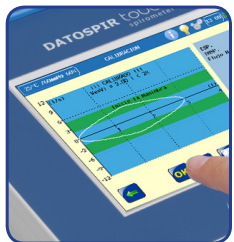



1. Press  in the main menu.
2. Press  in the setup menu.
3. Press  in the calibration menu.

Repeat points 2 and 3 of the previous section (B).



4. Once the calibration cycles are completed, the device should display the "CALIBRATED !!!" message.



5. Press  to save the calibration.

The difference in this mode is that the device not only checks the calibration, but also stores the new calibration factors.



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**CE 0197**

Class IIa product according to 93/42/CEE Medical Device Directive

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511-B00-GR2 Rev. 0



## Quick start guide DATOSPIR touch

Congratulations, you have acquired a **SIBELMED** spirometer, a leading brand in the industry.

Please read the **USER MANUAL** in order to maximize its using.

The DATOSPIR touch spirometer is a compact device based in different types of transducers: Fleisch, Turbine or disposable Lilly, a wide color touch screen, a built-in temperature sensor and a thermal printer. An internal database is used to store the tests and an external printer can be connected via USB or Bluetooth.

## SETUP

When placing the spirometer make sure that the following conditions are meet:

- Mains connection: 100 to 240V AC.
- Operating temperature: 5 to 40° C
- Relative humidity: < 85 % (without condensation).
- Pressure: 850 to 1060 hPa. (638 to 795 mmHg / 1500 to 0 m aprox.)
- Keep away from splashing water or other liquids.

**Note:** Read the user's manual for a safe use of the device.

Use mouthpieces certified according to Directive 93/42/EEC to ensure the patient safety and the quality of spirometry.

## MY FIRST SPIROMETRY step by step

### (A) Making a FVC maneuver

(Forced Vital Capacity):



1. Check that the transducer is connected to the device and the power supply is connected to the mains.




3. The device displays the main menu.

Press .




5. The FVC screen is displayed and the maneuver can be started.



7. Press  to save the maneuvers. The message **MANEUVER N.: X STORED** is shown. See the Autosave procedure in the user's manual.



2. Start the device by pressing the button **for more than 1 second**. 

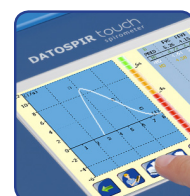



4. Enter patient data: ID, name, surname, weight, height, age, etc...

Press .



6. Perform the maneuver. Expiration must continue until the device emits a "Beep!", indicating that it has been completed. Warnings are shown if the maneuver does not meet the ATS-ERS or NLHEP criteria.



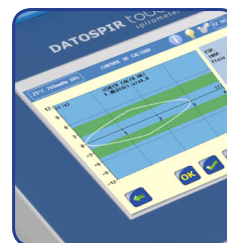
8. Press  to print the report of the test. A progress bar shows the remaining time for the test to be printed.

## CALIBRATION CHECK

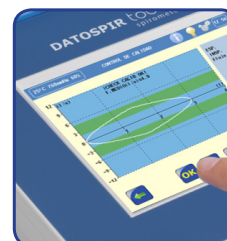
### (B) Making the calibration check:




1. Press  in the main menu.



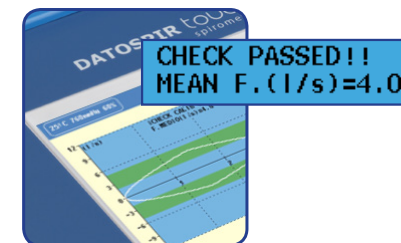
3. Do 3 cycles trying to draw the curve within the two labeled areas on the screen.



5. Press  to save the calibration check.







2. Enter the syringe volume, temperature, pressure, etc...



4. Once the calibration cycles are finished verify that the device displays the message "CHECK PASSED!!"



6. Next, the device displays on screen the quality control report. Press  to print it or press  to return to the main menu.

**Note:** if the calibration program is enabled, when performing point 3/4 you will be asked if you want to run the calibration program. Press  to execute it, otherwise press .