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 OK 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.

CE 0318 Class IIa product according to Medical Device Regulation (EU) 2017/745

SIBEL S.A.U.
Raimon Casellas, 6-8. 08205-Sabadell (Barcelona). Spain.
National sales: Tel. 93 436 00 08 · e-mail: comercial@sibelmed.com
International sales: Tel. +34 93 436 00 07 · e-mail: export@sibelmed.com
After-sales Service: Tel. +34 93 433 54 50 · e-mail: sat@sibelmed.com
www.sibelmed.com

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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.

SETUP

When placing the spirometer make sure that the following conditions are meet:
- Mains connection: 100-240VAC, 50/60Hz.
- Operating temperature: 5 to 40º C
- Relative humidity: < 85 % (without condensation).
- Pressure: 700 to 1060 hPa. (525 to 795 mmHg / 3000 to -3800 m aprox.)
- Keep away from splashing water or other liquids.

Please read the user manual for safe use of the device.
Use the products, components and accessories specified in the Instructions for Use.
It is recommended to use bacterial-viral filters or disposable transducers with filter for safe spirometry.

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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.



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



3. The device displays the main menu.

Press FVC.



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

Press .



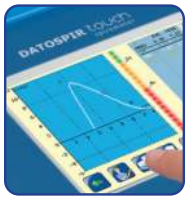
5. The FVC screen is displayed and the maneover can be started.



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.



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



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:



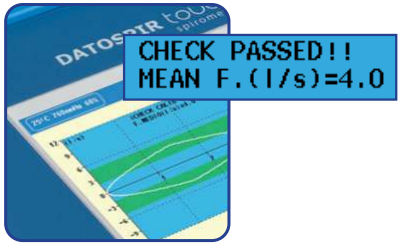
1. Press Q in the main menu.



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



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



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



5. Press OK to save the calibration check.



6. Next, the device displays on screen the quality control report. Press to print it or press OK 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 .**

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