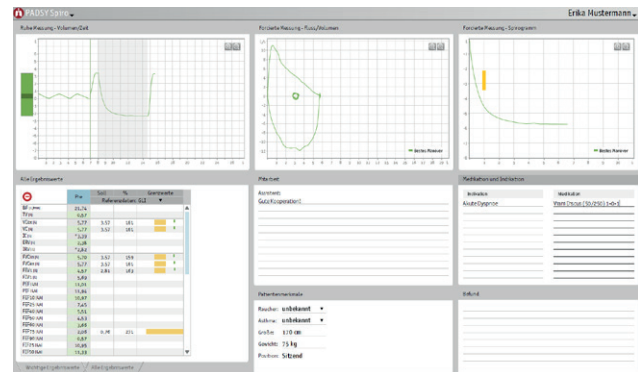
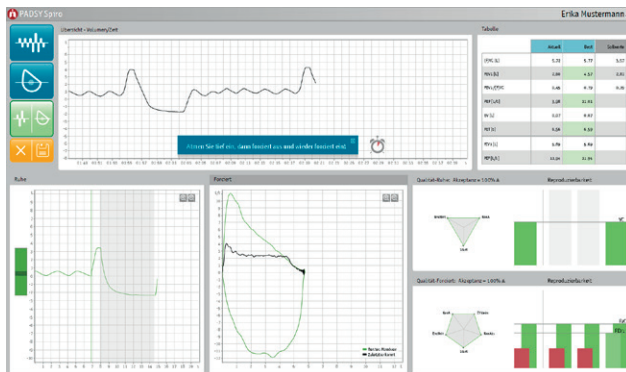


## **Spiro-SP TrueFlow Sensor – patented technology for PADSY Spiro**

- 👉 No calibration due to ultrasonic measurement
- 👉 High measurement accuracy because of minimal flow resistance
- 👉 Resting and forced measurements in a single work step
- 👉 Compliant with current ERS and ATS guidelines
- 👉 Runs on any operating systems: Windows and macOS



## PADSY Spiro software

Various measurements of PADSYSpiro software provide you with an extremely precise picture of your patient's effort during each breathing manoeuvre. You or your staff can see immediately whether the breathing manoeuvre was performed correctly or needs to be repeated. Manoeuvres only have to be repeated if, for example, their reproducibility or acceptance do not satisfy the ERS and ATS guidelines. Naturally, PADSYSpiro offers as well scope for individual assessment. PADSYSpiro enables you to produce valid measurement results effortlessly and to optimize the workflow for your medical personnel.

Static and forced manoeuvres are recorded in a single work step, for instance. Once completed, pre- and postmeasurements are grouped together, showing you the effect of the bronchial spasmolysis at a glance. All pulmonary questions can be answered by PADSYSpiro in just one view, ensuring a reliable diagnosis every time.

## Spiro-SP TrueFlow Sensor

Spiro-SP TrueFlow sensor measures the respiratory flow by using proven ultrasonic technology and is therefore the ideal sensor for PADSYSpiro. No calibration is necessary, thus helping to ensuring the accuracy of the measurements.

The flow measurement is precise in conjunction with minimal deadspace and does not depend on the composition of the breathing gas. External factors such as temperature and humidity do not influence the measured values. The disposable spirette guarantees optimal hygiene, meaning there is no need for bacterial filters. Having no moving parts, Spiro-SP TrueFlow sensor is sturdy and robust, and can therefore be relied on in everyday hospital routine.

## PADSY Spiro software

- Developed in accordance with ERS and ATS guidelines
- Static and forced manoeuvres recorded in a single measurement
- Feedback display showing manoeuvre acceptance and reproducibility
- All key spirometry parameters determined automatically
- Indices: flow-volume/volume-time/Tiffeneau
- Comparison of reference values (charts, numerical tables)
- Comparison of pre-/post-measurements to show spasmolysis effect
- Detailed view for assessing patient effort
- At-a-glance diagnosis of key parameters

## Spiro-SP TrueFlow sensor

- Contact-free ultrasonic measurement technology
- No calibration required
- Measurements irrespective of breathing gas, temperature and humidity
- Hygienic due to disposable spirettes
- High reliability because no moving parts
- Handy and featuring USB port

PRS 14\_450\_22-EN V01 | We provide no guarantee that the information provided in our product datasheet is up to date, correct or complete, and accept no liability in this regard.