



Ultihale smart inhaler

Transform your inhaler into a virtual asthma nurse!

75% of asthma/COPD patients don't get the therapy benefit because of medicine misusing. Physicians have no data about adherence to improve therapy.

Ultihale is a clip-on device which can be attached to your inhaler in order to:

- monitor medication
- track respiratory functions (PEF, FEV1, FVC)
- share data with physicians to achieve better outcome
- automated usage technic recommendation
- medication reminder
- real-time trigger alert
- telehealth support

Pipe compatible

VENTOLIN | FLIXOTIDE | TRIMBOW | DUORESP SPIROMAX | FOSTER



S1 Spirometer

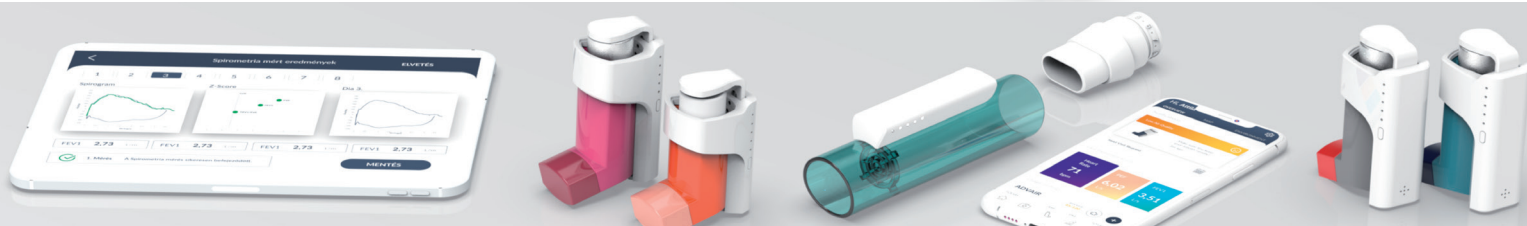
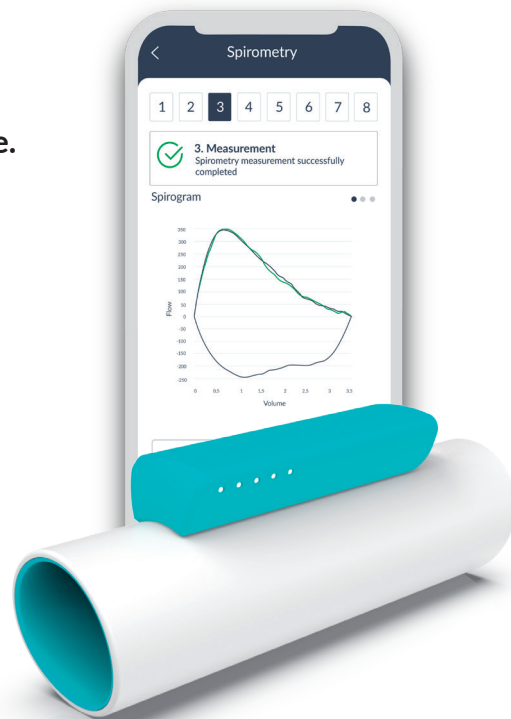
Professional spirometer for everyday testing of lung performance.

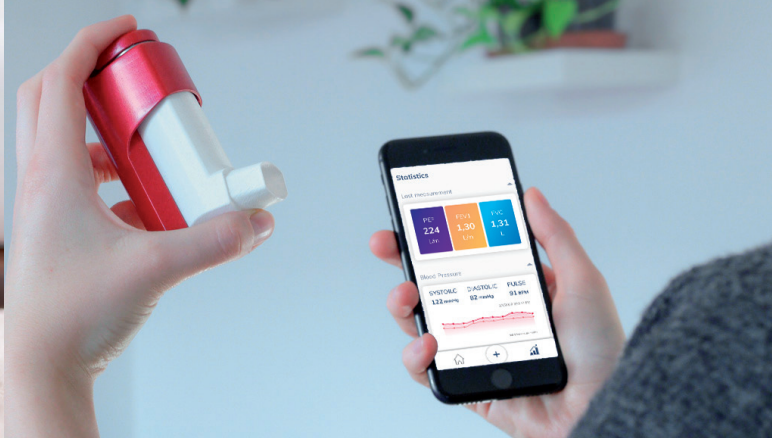
S1 makes respiratory measurements available anywhere, anytime, and supports personalized therapy.

Parameters measured:

- standard spirometry with visual guidance: FVC, FEV1, FEV1/FVC ratio, PEF, FEF, FEF25-75, PIF, TE
- time of measurement
- environmental parameters
- inhalation teaching sessions for kids
- breath exercises
- telehealth function

The app provides support in performing proper spirometry through training steps. The user can see the measured values, and compare and track their own progress. The data can also be analyzed using a spirogram and a z-score chart.





spirocco

TEACHING HALER

A smart add-on to demonstrate and teach the effect of the inhalation technique for the drug deposition.

With the help of the device, it is easy to understand how the inhalation technique affects the dose taken. It is an ideal addition to the toolbox of medical visitors, teaching hospitals, GPs and patient communities.

Advantages:

- Guiding patients to use the MDI better and consistently
- Calculation of the drug deposition in the targeted airway region; using a stochastic model approach combined CFD results
- Model for different inhaler devices (puff angle, speed, particle size etc.)
- Gamification mode for pediatrics, easy to adapt to spacers
- Unique UI with branding available



You might have the world's best blockbuster drug in an inhaler, but if patients don't use it properly, they won't get the benefits.



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