SPIROCCO HEALTHCARE ECOSYSTEM

Spirocco's integrated medical devices and innovative care management solutions makes healthcare providing remotely and easier than ever.

Spirocco's system integrates the most important diagnostic and monitoring tools that allow patients to monitor their condition independently, anywhere, anytime. With our built-in video chat and AI-based patient management solution, patients can have online consultations with healthcare professionals or other caregivers involved in their therapy.
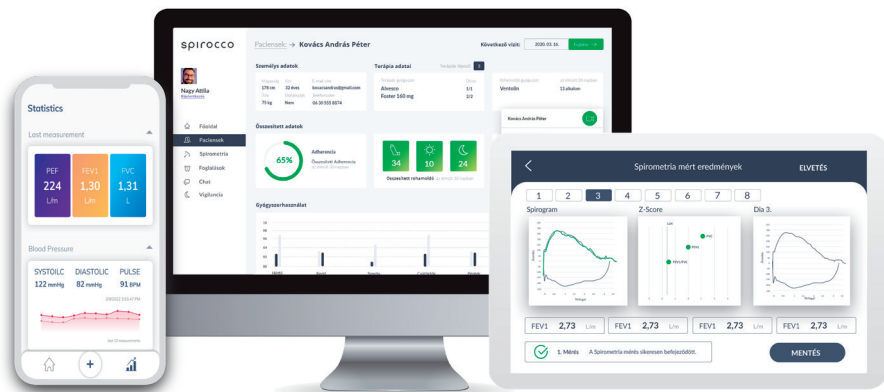
www.spirocco.com | www.shop.spirocco.com

Spirocco telehealth platform

- displays and stores data measured
- health status can be tracked, analyzed and reported
- available online visit function

applicable for
- quick and easy physical and mental status screening of patients or elderly
- telehealth services and remote patient monitoring

app
Mobile application

Personal interface for displaying health status and requiring telehealth service

poc
Point of care terminal tablet app

Multi-user interface with integrated medical devices for carrying out health screening, ideal for community or professional use

web
Spirocco webserver

Professional interface with health status report and online visit function for healthcare providers

Corporate health

01 The involvement of employees to monitor their own health status significantly improves their preventive, proactive approach, shapes and supports their well-being goals. A worker in better physical and mental health will perform better!

02 Every member of the team appreciates employer's support in maintaining and improving their health. A personalized screening program contributes to the company's branding goals, reduces resignations, and can result in significant cost savings!

03 Due to its low cost and ease of use, the Spirocco Health Point can be made equally available at all levels of the organization, unlike manager screening, which is usually only available to a limited group of employees. A uniform benefit for all employees strengthens employees' loyalty to the company!

Build your own health hub!

- dedicated screenview with your own brand & logo
- private community of your physicians, caretakers and patients
- customizable telehealth service pricing with built-in payment solution

Point of care terminal (POC)

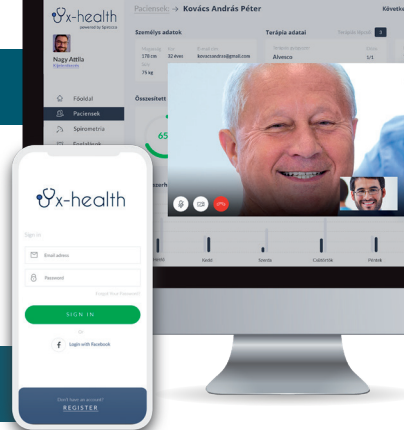**Supports remote screening & monitoring of health status by various medical devices**

Developed for hospitals, general practicers, private healthcare providers

- **Easy to use:** It guides users through the steps of monitoring without any help of specialists.
- **Built-in patient management function:** AI-based care organizer around professionals and other caretakers.

Integrated medical devices (expandable):
Pulse oximeter, Spirometer, ECG, Blood pressure monitor, Blood glucose meter, Contactless thermometer, Stethoscope, Hearing control, Smart scale with body composition monitor, GINA test, COVID and Mental hygiene questionnaires etc.

Spirocco's POC was tested by over 2.000 patients so far.

POC mobile version

Portable „pack-and-go" version of POC terminal developed for mobile healthcare units (mobile clinics, in-home GP visits, screening buses, emergency services, etc.)

- Easy to carry: sized as a medical bag, fits airplane's carry-on bag size
- 2in1: doctor's webserver platform and keyboard included in order to analyze data, set diagnose, prescribe medicines or arrange visits
- Battery supports all day running (10-12h)

ULTIHALE smart inhaler

Transform your inhaler into a virtual asthma nurse!

75% of asthma/COPD patients don't get the therapy benefit beacuse 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
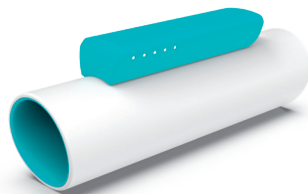
S1 spirometer

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

SFS 500 Flow meter

The sfs500 bidirectional flow meter features an extremely broad operation range, high accuracy, low flow loss and fast response time.
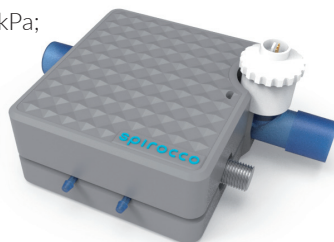
Thanks to our adaptive manufacturing technologies and efficient calibration procedures we are able to satisfy custom needs even in small series. The measurement principle and communication protocol of our sensors can be flexibly configured, so they can easily be integrated into the interface of already existing systems.

The sfs500 is suitable for measuring volumetric air flow rates in laboratories, medical and industrial environments.

Ventilator tester

Flow meter:	+ - 500 slm (max. overpressure: 20 kPa; accuracy: 3% or 0.5 slm)
High pressure sensor:	0 - 10 bar (accuracy: 0.1 bar)
Differential pressure sensor:	+ - 10 kPa (accuracy: 10 Pa)
Internal abs. pressure sensor:	8 - 120 kPa
Internal humidity meter:	0 - 100 %
Oxygen concentration sensor:	0 - 100%, replaceable
Communication:	Wifi
Connection:	USB connector