

spirohome® | CLINIC

Ultrasonic Spirometer for Clinical Use

Digitalize your clinic

Spirohome Clinic is a spirometer designed for clinical use and could be used in hospitals, health clinics and as part of clinical studies. The device is equipped with the Spirohome Clinic app that will completely revolutionize patient management.



Easy to track patient data on a unified platform



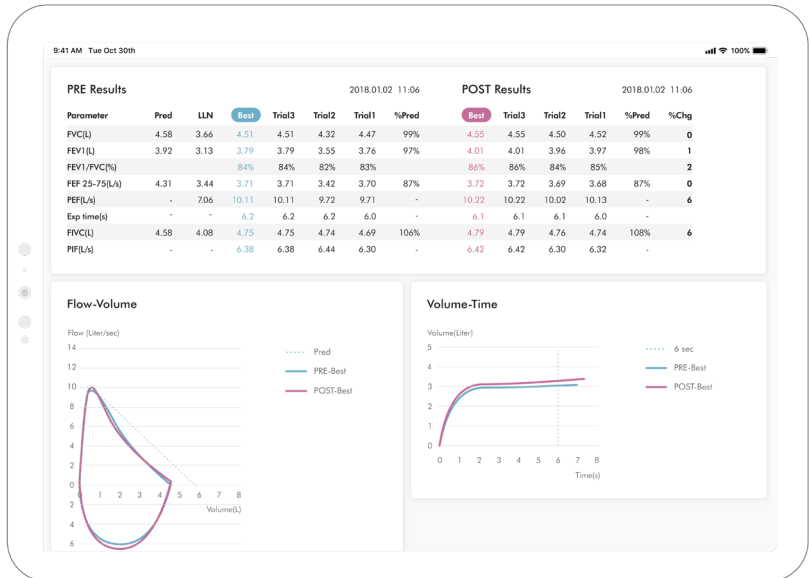
Boost clinical studies with accurate and centralized data



Works with specialized single-use bacterial filters

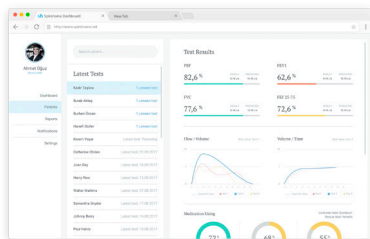
Full Hygiene for Your Patients

Spirohome Clinic works with single-use bacterial filters, Spiroway® disposable, to prevent cross contamination. Spirometer itself can easily be cleaned after each use.



Boost Your Clinical Studies

Spirohome's HIPAA compliant web app provides secure web based data visualizations and data sorting for clinical studies.



Quality, Medical Devices and Electrical Standards

ISO 13485, ISO 26782, ISO 10993-1, ISO 14971, ISO 15223-1, EN 60601-1, EN 60601-1-2, EN 60601-1-6, EN 60601-1-11, MDD 93/42/EEC

Parameters

FVC, FEV1, FEV1/FVC, FEF25-75, PEF, FIVC, PIF BEV, FET, VC, VCin, VCex, ERV, IRV, VT, MVV, MVV6, VT, FT, MVVtime

Test Types

FVC, FVC Tidal, FVL, FVL Tidal, MVV, SVC

Flow/Volume measurement method

Ultrasonic Transducer Measurement

Power Supply

2 x 1.5V AAA batteries

Dimensions

110 x 63 x 41 mm

Weight (With batteries)

90g

Weight (Without batteries)

67 g

Flow range

0 - 14 L/s

Maximum volume measured

10 L

Volume accuracy

2 %

Dynamic resistance at 14 L/s

86 Pa*s/L

Volume resolution

1 mL

Flow resolution

1 mL/s

Medical device class

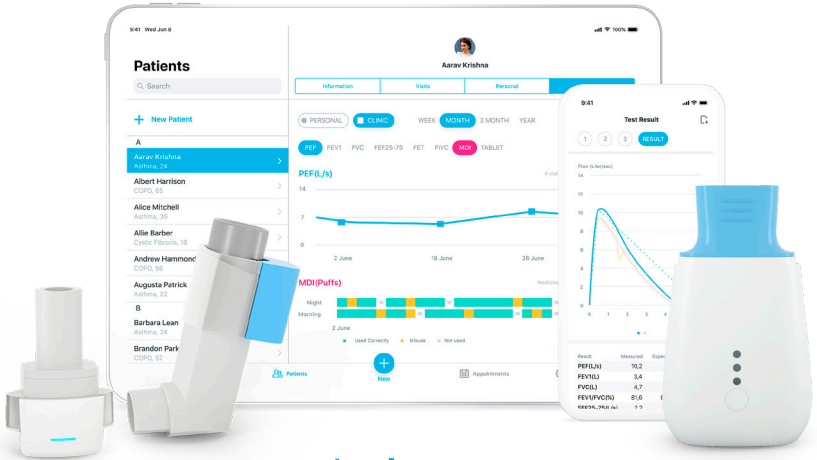
Class IIA

Wireless connection

BLE 4.2



The Spirohome Ultrasonic Spirometer and accessories are CE marked (NB1984) products.



spirohome

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