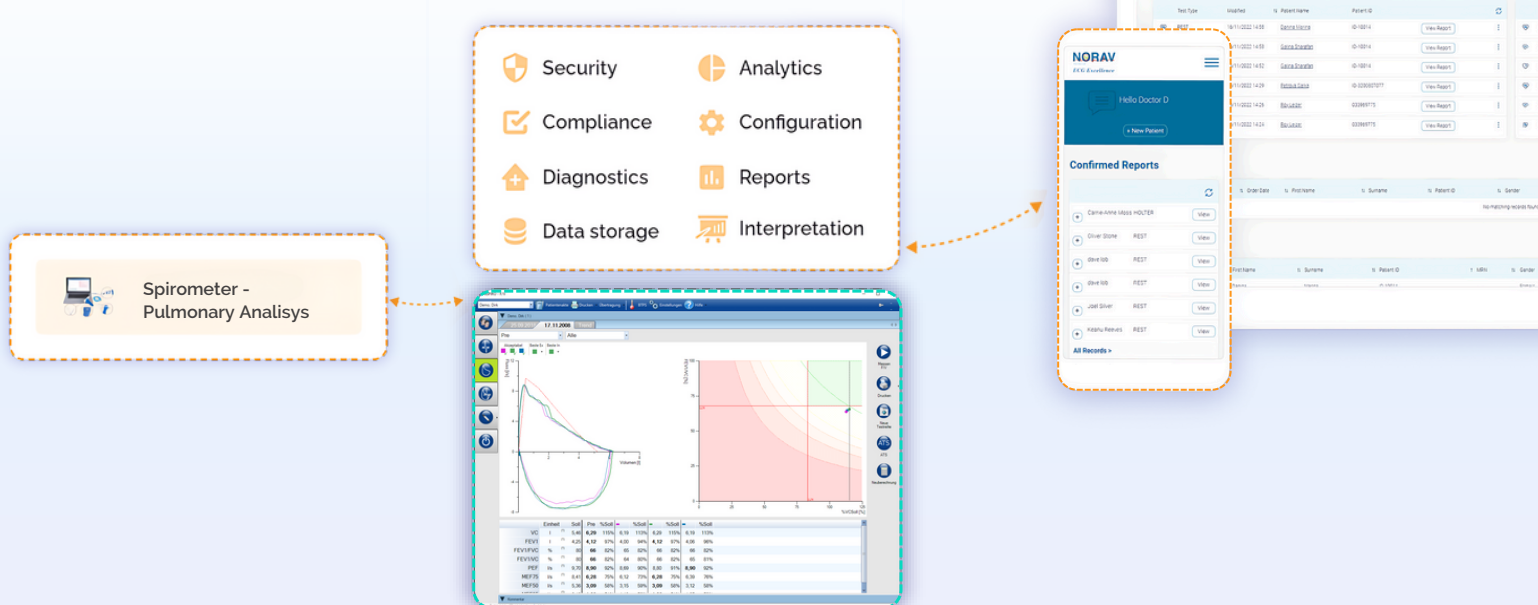# SPIROMETER SYSTEM

Pulmonary Analysis

Spirometry is a key diagnostic tool for evaluating lung function and detecting respiratory conditions such as asthma, COPD, and other pulmonary disorders.
Norav Medical's MiniSpiro is designed to deliver fast, accurate, and reproducible pulmonary measurements - providing clinical confidence and efficiency in every environment.

NORAV'S SPIROMETER SOLUTION

MiniSpir is a compact and reliable USB spirometry system that ensures accurate results with a simple Plug & Play connection.

Featuring advanced two-way digital turbine technology, built-in temperature compensation, and automatic BTPS conversion, it supports real-time data visualization and seamless connectivity to Norav's NEMS ecosystem for unified patient management.

- Security
- Analytics
- Compliance
- Configuration
- Diagnostics
- Reports
- Data storage
- Interpretation

Spirometer - Pulmonary Analisys

CONTACT US
info@norav.com

NORAV medical
ECG Excellence

VISIT OUR WEBSITE
www.noravmedical.com

MiniSpir
Spirometer System

Pulmonary Analysis

MiniSpir is a compact, USB-based spirometry system designed for fast and accurate pulmonary analysis. It delivers precise measurements for asthma management, early detection of respiratory disorders, and pre/post bronchodilator testing. Featuring digital turbine technology with automatic BTPS conversion and disposable turbines for maximum hygiene,

International Standards
CE

EHR / HIS Interface
HL7, DICOM, GDT

Powering
5V (USB)

Our benefits:

- Accuracy – ±2.5% or 50 mL volume accuracy with automatic BTPS correction ensures high diagnostic precision.
- Hygiene and Safety – Disposable turbines prevent cross-contamination and require no cleaning or maintenance.
- Speed and Simplicity – Ready to use in seconds; real-time visualization improves testing workflow.
- Versatility – Suitable for adults, children, and research settings.
- Full Integration – Works independently or as part of the Norav NEMS ecosystem for complete cardiopulmonary analysis.

KEY FEATURES

Fast, Easy, and Accurate
Real-time spirometry and automatic BTPS conversion ensure stable, repeatable results using two-way digital turbine technology.

Seamless EMR/EHR Connectivity
Seamless connectivity with NEMS and EHR/HIS systems. Supports all key protocols: HL7, GDT, and FHIR.

Compact USB Design
Plug & Play USB operation with direct power and instant data transfer—no batteries or chargers needed.

Hygienic and Maintenance-Free
Maximum infection control using disposable turbines. No calibration required with an optional antiviral filter available.

Enhanced Patient Experience
Comfortable testing for all ages using quiet, low-resistance airflow and pediatric incentive animations.

Compliance & Safety
Fully certified: Meets ATS/ERS, ISO standards, and is CE, FDA, MDR certified for professional use.

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