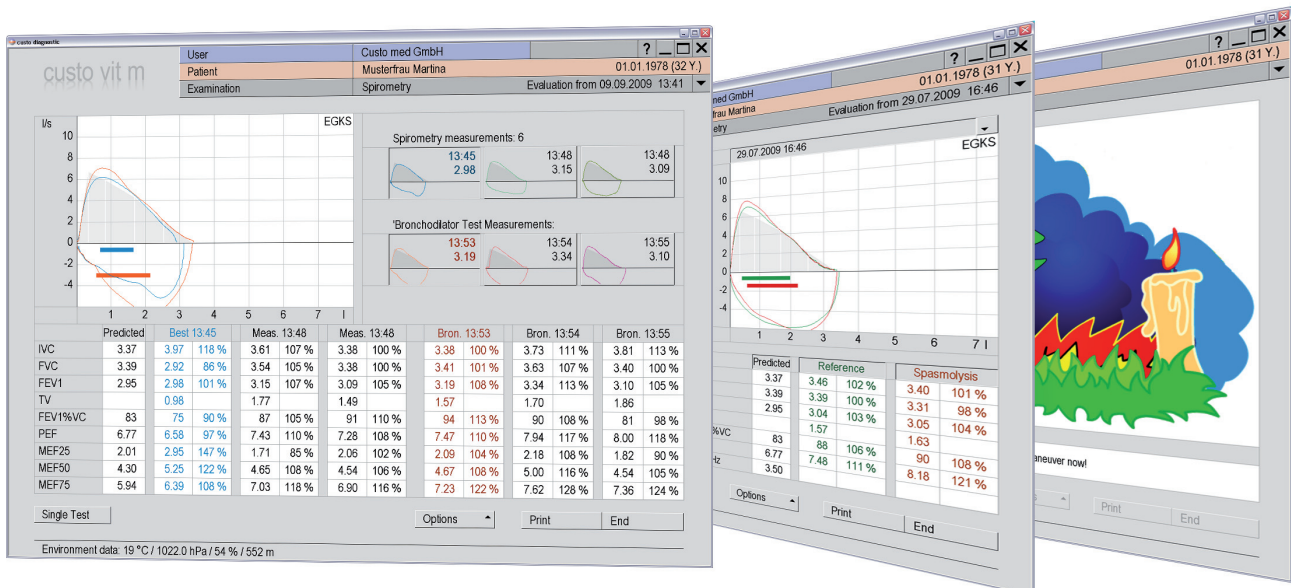# Spirometry

with custo spiro mobile │ perfect hygiene concept

- Mobile use at every PC due to USB connection
- Tests easy and quick to perform
- All values with a single breathing manoeuvre
- Perfect hygiene concept thanks to
  bacterial and viral filters (custo spiro protect) or disinfection

- Comparison and trend view of all patients' examinations
- Comfortable reports with predefined text modules
- Clearly arranged A4 paper printouts with one click
- Paperless medical practice: Mailing of evaluations and reports
  as email, fax, PDF and as evaluation file (.cst)
- Versatile connection possibilities into existing
  IT structures (HL7, FDA-XML, SQL, GDT, SCP)

ATS Standard

Your authorised custo med dealer

custo·med
EXCELLENCE IN DIAGNOSTICS

Specifications

custo spiro mobile & spiro protect

Measurement method	Differential pressure gauge with laminar element
BTPS	Body Temperature Pressure Saturated
Accuracy	ATS standard, ISO 23747
Air resistance	2kPa at 12 l/s
Measurement range	± 12 l
Resolution	12 bit
Linearity	± 2 %
Power supply	via USB cable (range/cable length approx. 5 m)
Size	approx.140 * 150 * 45 mm (L * W * H)
Weight	approx. 329 g
Operating conditions	Temperature +10°C ... +40°C
	Humidity 10 ... 90 %, non-condensing
	Air pressure 900 ... 1200 hPa
Classification	Protection class II, Class IIa, Type BF, DIN EN 60601-1
Software requirements	custo diagnostic 3.7 and higher
Perfect hygiene concept	Bacterial and viral filter custo spiro protect (optional)
	Single use
	Manufactured according to DIN EN 1822-1
	Filter class H13 (HEPA, 99.95%)
	Tested according to DIN EN ISO 10933-1
or	disinfection according to manufacturer's specifications

Scope of delivery

custo spiro mobile

incl. measuring head with

ceramic filter and

Mouthpiece

Bacterial and viral filter

custo spiro protect

Nose clip

Spirometry Software Functions

➤ Comparison of measured values on the basis of national

   and international predicted values

➤ Automatic report and COPD reporting

➤ Clear display of measured values and measurement curves with colour codes

➤ Clear therapy control thanks to automatic long-term trend

➤ Test methods spasmolysis and provocation

➤ Process control, for example for occupational medicine