

The smallest automatic ¹³C breath test system



The new autosampler **FANas** now enables mass-spectrometer kit measurements

The compact **HeliFANplus** breath-test device is already being used for the ¹³C diagnosis of various metabolic and infectious diseases.

This includes the detection of Helicobacter pylori (HP) infections, one of the world's most common bacterial infections of the gastro-intestinal tract.

The new autosampler **FANas** now enables the evaluation of mass-spectrometer test kits in addition to conventional IR kits. The sturdy sampler can be used with Exetainers[®] as well as Vacutainers[®]. A total of 89 samples can be analyzed and this in the absence of an operator. The samples can be freely arranged ("laundry basket principle").

Diagnose infections and metabolic diseases more easily...

Unrivalled price-performance ratio of the new ^{13}C infrared analysis system

FAN_{as} + **HeliFAN_{plus}**

Advantages versus IRMS*

The new autosampler FANas offers a range of advantages over the previously used IRMS.

An important aspect is its cost advantage. Acquisition costs are around 50 %. Moreover, it reduces operating expenses, as neither carrier gas nor certified calibration gas is required.



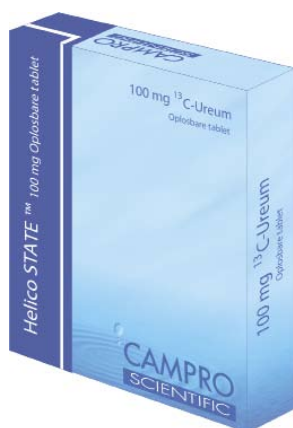
Bulky, space-consuming machines are a thing of the past.

The new **FANas** is only 51 cm high, requiring an area of only 27 x 37 cm and only 66 x 37 cm in combination with the **HeliFANplus**. It is one of the smallest isotope infrared spectrometers available on the market. The device is easy to use. Just turn it on and insert the samples. Detection time is 3 minutes per sample.

* Isotope Ratio Mass Spectrometer

^{13}C breath test - two procedures, one device

Test kit for mass spectroscopy



Test kit for infrared spectroscopy



- low space requirements
- 89 samples measurable, throughput of ca. 20 samples per hour
- software connection to medical information systems
- low-maintenance
- no auxiliary gases or pumps required

...Quickly and efficiently

User-friendly functionality

FANas and **HeliFANplus** can be connected to any PC or notebook with Window 98™ or higher. The user's guide is embedded in a modern Windows user interface (including barcode-reader support) and is easy to use.

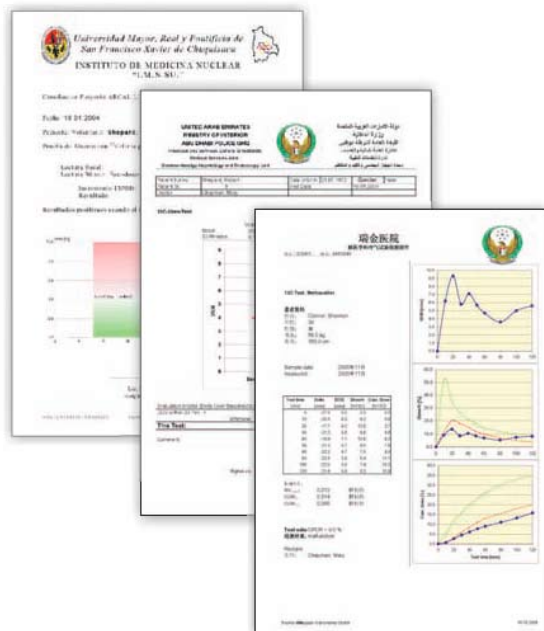
Layout and measuring-report data can be individually configured. A variety of sample templates are included with delivery.

In addition, software connection to medical information systems via GDT, HL7, ASTM, etc. is guaranteed.

Clear advantages

- the modern, fully encapsulated sampler offers its users a high safety standard
- existing IR spectrometers HeliFAN can be easily retrofitted for coupling
- enables infrared as well as mass-spectroscopy measurements
- no noise pollution from a turbo-molecular pump

Individual configuration of measuring reports



Well-suited for doctor's offices and laboratories as well as for smaller clinics



- unrivalled price-performance ratio
- compact and low-weight device (9 kg)
- fast operation thanks to fourfold sampler with status display
- easily connected to a PC or notebook
- user-friendly with Windows software and integrated patient database

Environment

	Ambient Temperature	Relative humidity
Use	5 to 35 °C	20 to 80 % (non-condensing)
Storage	-35 to 65 °C	15 to 85 %

Dimensions

Width	265 mm
Depth	370 mm
Height	510 mm
Weight	15 kg



Power supply

Operating voltage	100 - 240 V AC, 50/60 Hz, max. 1 A
Overvoltage category	II
Pollution degree	2
Fuses	Main fuses by input port: 2 x AL / 250 V F1: T 2AL / 250 V F2: T 2AL / 250 V

Performance

Sample throughput	ca. 20 samples per hour
Vial types	Exetainer®, Vacutainer®



Germany

P.O. Box 37 03 31
D-14133 Berlin
Germany
Tel. +49.(0)30.629.01.89.0
Fax +49.(0)30.629.01.89.89
info@campro.eu

www.campro.eu

The Netherlands

P.O. Box 316
NL-3900 AH Veenendaal
The Netherlands
Tel. +31.(0)318.529.437
Fax +31.(0)318.542.181
info.nl@campro.eu