



Technical Data Sheet

Modell

FANas

Manufacturer

Fischer ANalysen Instrumente GmbH

Address

Brahestr. 25–27, 04347 Leipzig, Germany

Product type

In vitro diagnostic medical device

Class

Other device

Intended Use

The intended use of FANas is to support users of the breath test analyzer HeliFANplus in measuring large quantities of ¹³C breath test samples.

The main application field of the sampler system in connection to the breath test analyzer is at the clinics and at laboratories for investigating metabolic processes and diagnosing infectious or metabolic diseases. FANas can process up to 89 samples at a time without any operation by user.

General Specifications

Dimensions	Width:	265 mm
	Depth:	370 mm
	Height:	510 mm
Weight		15 kg
Unit construction	Table top unit with loading door. All moved parts of the system are arranged in the housing.	
	<ul style="list-style-type: none"> • POM (Polyoxymethyle), application in food industry, medical engineering • PA (Polyacrylate) , application in food industry • PE (Polyethylene) , application in food industry • PC (Polycarbonate , application in medical engineering • PTFE (Polyteraflurethane) , application in medical engineering 	
Casing	Sheet steel housing with plastic case and door	
Protection classification	IP 20 acc. EN 60529	
Electric connections	Signal output and input:	USB jack type B
	Power inlet:	switched IEC 320 plug

Environmental Specifications

Operating condition	Ambient Temperature:	+5 ... +35 °C
	Relative Humidity:	20 ... 80 % (non-condensing)
Storage condition	Ambient Temperature:	+5 ... +65 °C
	Relative Humidity:	15 ... 85 % (non-condensing)

Power Specifications

Electrical power	100 ... 240 V AC, 50/60 Hz, max. 1 A
Overvoltage category	II
Pollution degree	2
Fuses	Main fuses in appliance inlet: 2 x 1 A slow blow / 250 V Secondary fuses in DC 5V and DC 24V line (inside the auto sampler, left of the power supply): F1: 2 A slow blow / 250 V F2: 2 A slow blow / 250 V

Performance

Sample Throughput	about 20 samples per hour
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