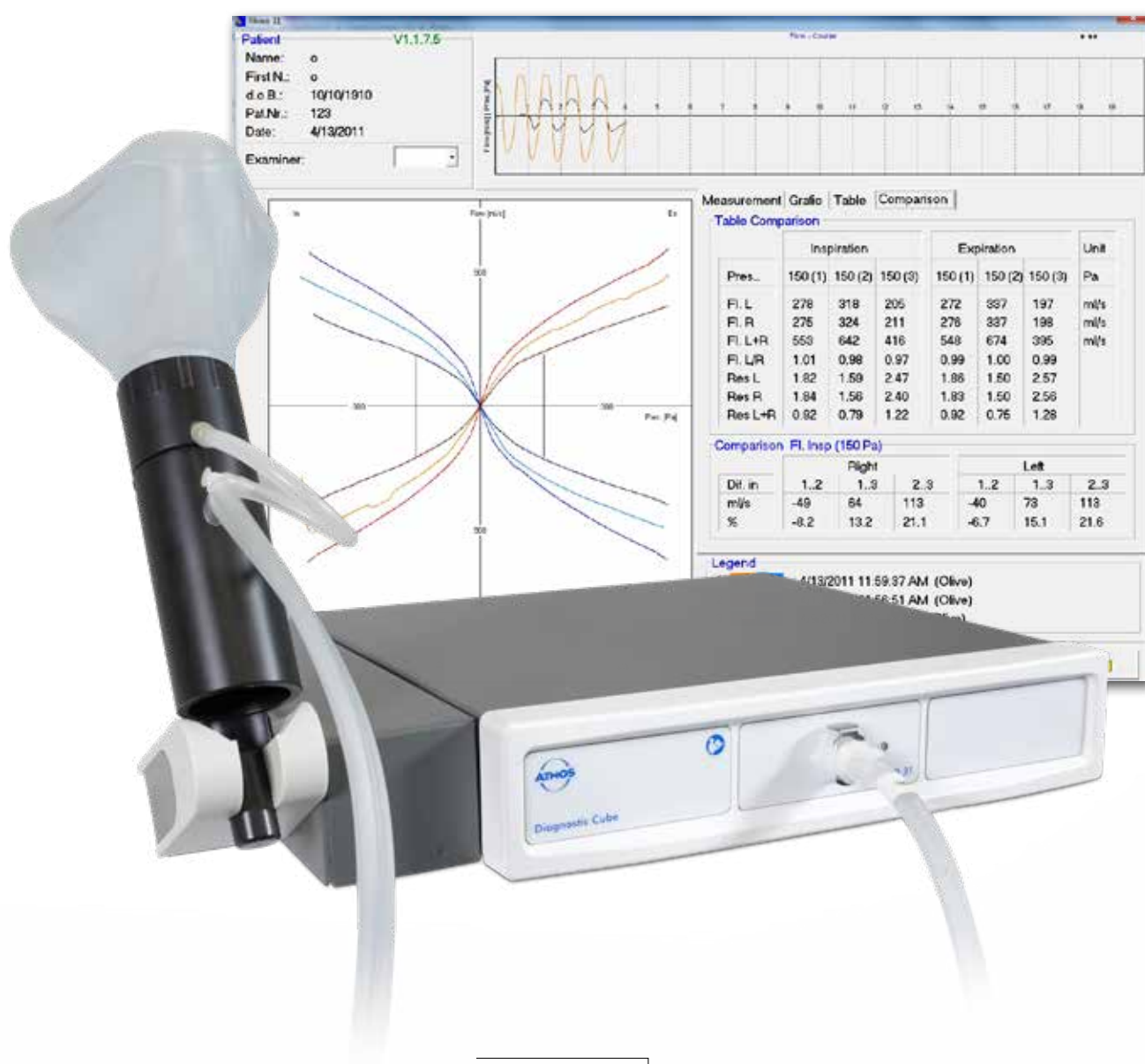


ATMOS RHINO 31

Innovative - Effective - Integrative

Fast and reliable diagnostic results



Software interface showing patient data and measurement results.

Patient Information:

- Name: o
- First N.: o
- d.o.B.: 10/10/1910
- Pat.Nr.: 123
- Date: 4/13/2011
- Examiner:

Measurement Results Table:

	Inspiration			Expiration			Unit
	150 (1)	150 (2)	150 (3)	150 (1)	150 (2)	150 (3)	
Pres.	150 (1)	150 (2)	150 (3)	150 (1)	150 (2)	150 (3)	Pa
Fl. L	278	318	205	272	397	197	ml/s
Fl. R	275	324	211	276	337	198	ml/s
Fl. L+R	553	642	416	548	674	395	ml/s
Fl. L/R	1.01	0.98	0.97	0.99	1.00	0.99	
Res L	1.82	1.59	2.47	1.86	1.50	2.57	
Res R	1.84	1.56	2.40	1.83	1.50	2.56	
Res L+R	0.92	0.79	1.22	0.92	0.75	1.28	

Comparison Table (Fl. Insp (150 Pa)):

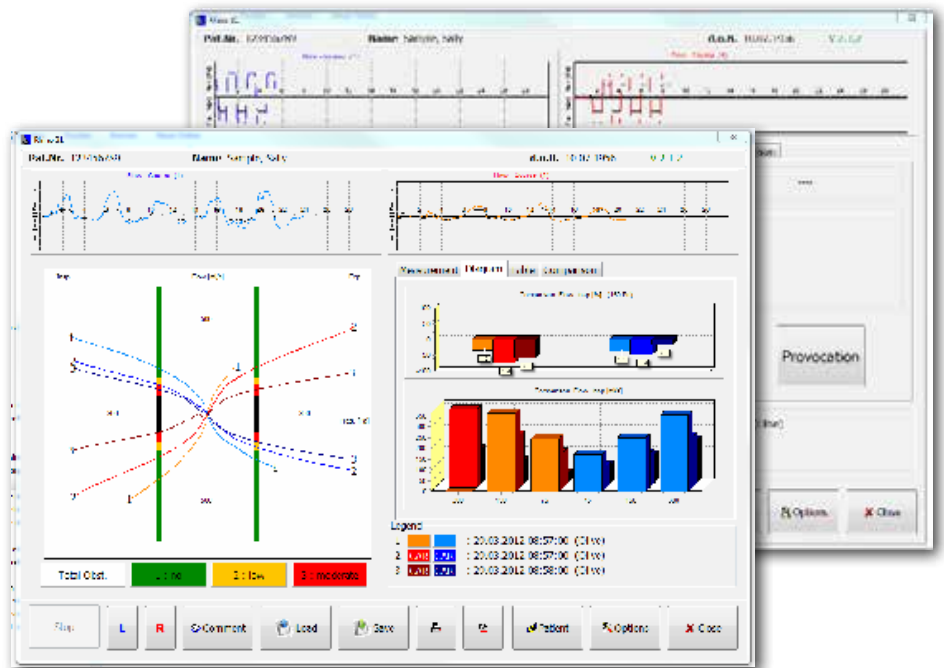
Dir. in	Right			Left		
	1.2	1.3	2.3	1.2	1.3	2.3
ml/s	-49	64	113	-40	73	118
%	-0.2	13.2	21.1	-6.7	15.1	21.6

The ATMOS RHINO 31

Diagnostics of nasal breathing, progress monitoring, provocation test

The ATMOS Rhino 31 module of the Cube Series is a clinical diagnostic appliance for measuring, evaluating and documenting nasal breathing. The anterior measuring method is used to test nasal respiratory pressure and respiratory airflow.

Easy and intuitive to use measurement screen. All relevant settings and parameters at a glance!

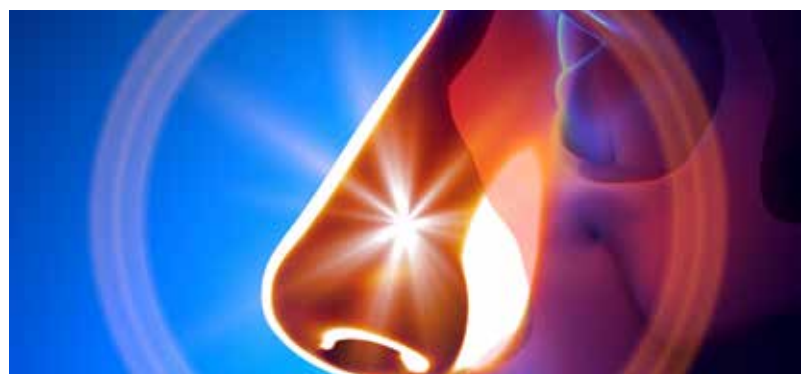


Measurement

Impeded nasal breathing: with the Rhino 31, exact quantification and differentiation (constant form resistance, variable auricular resistance, side-to-side ratio, increase in flow, etc.) of nasal resistance can be provided in graph or tabular form.

The analysis parameters applied can be individualised, and aids for reading results, such as the "Obstruction Traffic Lights", make evaluation easier.

The "provocation" function allows results to be displayed quickly when dealing with allergy tests. This makes it very easy to display three consecutive measurements



in one graphic and in one table for direct comparison.

What is unique is the hygiene concept used in the probe's measurement set-up: replaceable filter leaves within the body of the probe avoid contami-

nation of the probe's inner region. Inhaling air that contains droplets is avoided, and bacteria are kept outside of the probe body. New filter leaves are installed for each patient and keep the contact area separate from the measurement area.

MEASUREMENT DISPLAY IN REAL TIME

with "flow" progress, pressure values and breathing progress monitoring

iHANDLE PROBE HOLDER WITH AUTOMATIC FUNCTION

starts and closes the software, including all important parameters and patient data

EASILY INTEGRATED

into a practice or hospital IT system using a GDT interface or via the flexible ATMOS PatSoft 31, using individual transfer parameters

"GUIDED DIAGNOSTIC"

supports digital and real workflow by automating administrative processes

UNIQUE HYGIENE CONCEPT

that uses bacteria-impermeable filter pads in the measuring probe

PROVOCATION TEST WITH MEASURING GROUP MEMORY

for up to three measurements

COMBINABLE WITH THE ATMOS TYMP 31 AND / OR SONO 31

in one case

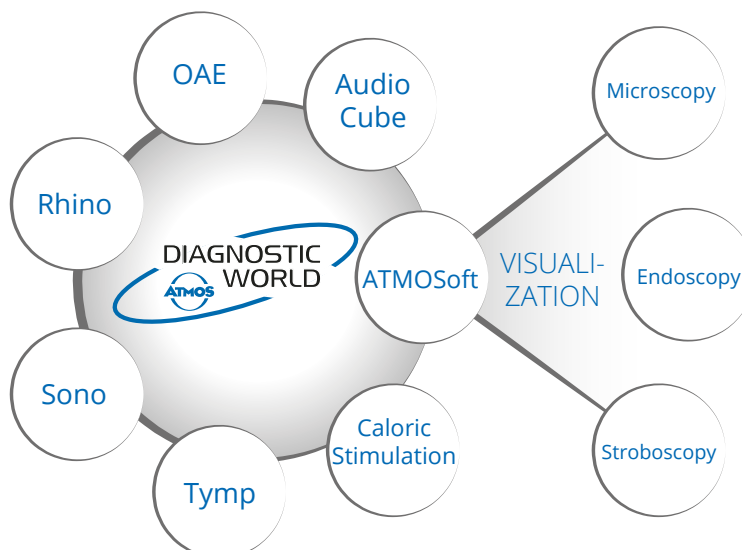
System integration

Patient data at any time
– anywhere

A software designed by ATMOS combines all diagnostic appliances in one. Thanks to an intelligent control system, the correct application for each particular workflow is opened up every time, as needed.

The measurement results are stored for each patient and can be commented on and exported as a PDF document. Integration into the practice or hospital's IT system is enabled

using a GDT interface. Additional communication options with other IT systems are also possible using the ATMOS PatSoft31, with simple text files or the HL7 protocol.





MedizinTechnik

ATMOS MedizinTechnik GmbH & Co. KG

Ludwig-Kegel-Str. 16

79853 Lenzkirch / Germany

Tel: +49 7653 689-0

atmos@atmosmed.de

www.atmosmed.com