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NOUVAG

Suction Units

in Swiss Quality



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Certificates


Certificate

The Certification Body of
TÜV Rheinland LGA Products GmbH

hereby certifies that the organization

Nouvag AG
St. Gallerstr. 23-25
9403 Goldach
Schweiz

has established and applies a quality management system for medical devices for the following scope:

Design and development, production, distribution and service of medical devices
(see attachment for products and sites included)

Proof has been furnished that the requirements specified in

EN ISO 13485:2012/AC:2012
EN ISO 13485:2012

are fulfilled. The quality management system is subject to yearly surveillance.

Effective Date: 2016-01-28
Certificate Registration No.: SX 50108208 0001
An audit was performed, Report No.: 21241071 001
This Certificate is valid until: 2019-01-09

Certification Body

Dipl.-Ing. I. Markiet

Date: 2016-01-27

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg


Certificate

Standard: ISO 9001:2008
Certificate Registr. No.: 01 100 1510014

Certificate Holder:

NOUVAG AG
St. Gallerstrasse 23 – 25
9403 Goldach
Switzerland

with the additional site see Annex

Scope: Development, production, distribution and service of devices and products in the field of dental and medical technology, laboratory and workshop

Proof has been furnished by means of an audit that the requirements of ISO 9001:2008 are met.

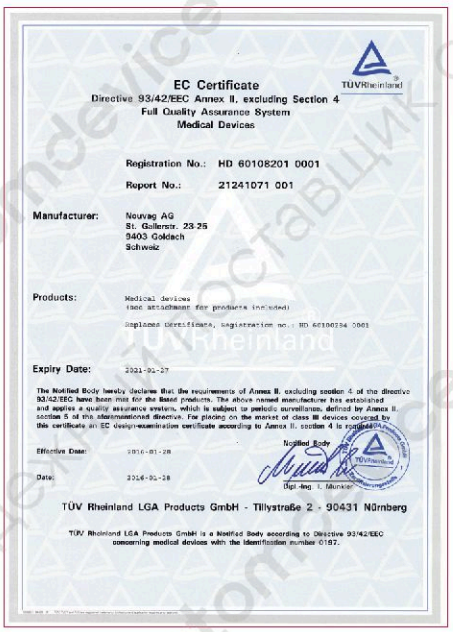
Validity: The certificate is valid from January 28, 2016 until September 14, 2018

January 28, 2016

LGA InterCert GmbH
Tillystr. 2 - 90431 Nürnberg

www.lga-intercert.com

LGA InterCert


EC Certificate
Directive 93/42/EEC Annex II, excluding Section 4
Full Quality Assurance System
Medical Devices

Registration No.: HD 60108201 0001
Report No.: 21241071 001

Manufacturer: Nouvag AG
St. Gallerstr. 23-25
9403 Goldach
Schweiz

Products: Medical devices
(see attachment for products included)

Replaces Certificate, Registration no.: HD 60100394 0001

Expiry Date: 2021-01-27

The Notified Body hereby declares that the requirements of Annex II, excluding section 4 of the directive 93/42/EEC have been met for the listed products. The above named manufacturer has established and applies a quality assurance system, which is subject to periodic surveillance, defined by Annex II, section 5 of the abovementioned directive. For placing on the market of class III devices covered by this certificate an EC design-examination certificate according to Annex II, section 4 is required.

Effective Date: 2016-01-28
Date: 2016-01-28

Notified Body

Dipl.-Ing. I. Markiet

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

TÜV Rheinland LGA Products GmbH is a Notified Body according to Directive 93/42/EEC concerning medical devices with the identification number 0197.

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Product Matrix

Check the following table for which Nouvag Device suits best for your area of operation. All pumps are manufactured in Switzerland and are famous for their reliability and solid built. For further Information please contact the sales representative of your country.

•• Optimal
• Suitable

	Vacuson 18	**Vacuson 40**	**Vacuson 60**	**Vacuson 60 LP**
	18 l/min. -0.8 bar at 610 mmHg	40 l/min. -0.9 bar at 686 mmHg	60 l/min. -0.9 bar at 686 mmHg	60 l/min. -0.9 bar at 686 mmHg
Medical field				
General operations	••	••	••	
Endoscopy		••	•	
Vacuum treatment		••	••	
Obstetrics		••		
Suction of respiratory tracts	•			
ENT		••	•	
Neurosurgery		•	••	
General surgery		•	••	
Liposuction			•	••
Theatre of operation				
Operating room	••	••	••	••
Emergency department	•			
Dental practice	•	••		
Medical practice	•	••	••	••
Special-care home	•	••		
Home care	••			

The pumps described in this brochure accordingly equipped with specific accessories are used for example in the following fields:

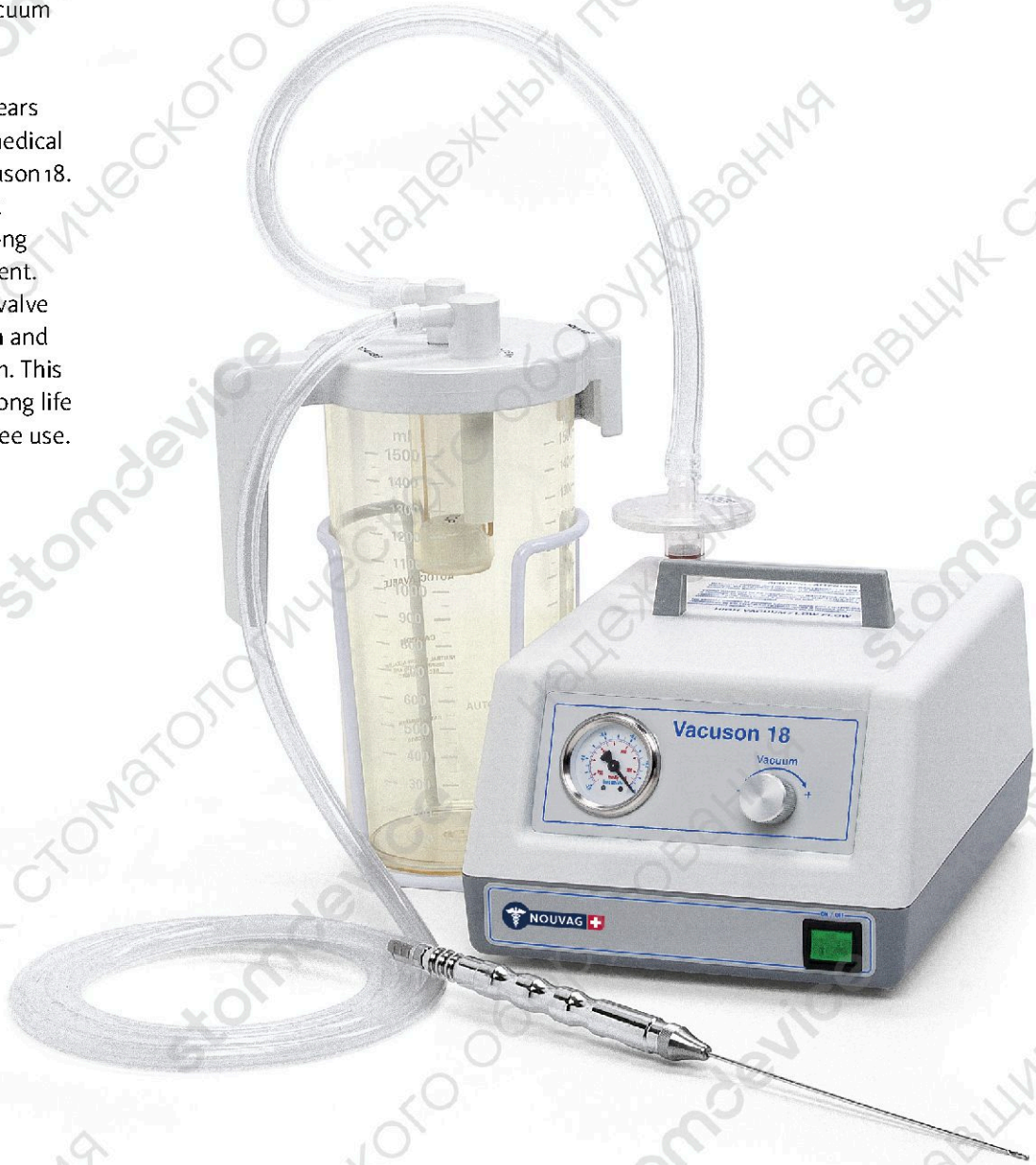
- Portable pump (Vacuson 18)
- Universal pump for hospitals and practices (Vacuson 40)
- Curettage pump for diagnostics and therapeutical curettage or post curettage (Vacuson 40)
- Extractor pump for obstetrics in gynaecology (Vacuson 40)
- Surgery pump (Vacuson 60)
- Liposuction pump (Vacuson 60)
- Liposuction pump with integrated infiltration pump and Conform Cannula Handpiece (Vacuson 60 LP)

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Vacuson 18, compact and portable

The vacuum device for a broad range of purposes, often used at doctor practices, dental practices and for home care. Its versatile usability makes it the first choice in every surrounding. Affordable, durable and simple to use.

The unique oil free vacuum pump is the result of more than 20 years of development. Many years of experience in the medical field result in our Vacuson 18. It produces a constant drag of air, free of strong vibrations and very silent. A diaphragm vacuum valve takes care of a smooth and fast built up of vacuum. This features guarantee a long life due to maintenance free use.



Type:	Vacuson18
Input Voltage:	115/230 Volt at 50-60 Hz
Power consumption	175 W
Suction performance:	Up to 18 l/min.
Max. Vacuum:	-0.8 bar /610 mmHG
Dimension, control unit (W x D x H):	190 x 130 x 250
Weight, control unit:	3.2 kg

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Vacuson 40, strong vacuum and wide field of applications

The Vacuson Pumps are used for suction of fluids and secretions. The pump power can be regulated continuously monitored by the manometer with a scale in bar and mmHG.

The Vacuson 40 suction pump is well known for its solid construction, its easy handling and the low maintenance needs. It serves in a broad range of applications, such as Obstetrics, Endoscopy, ENT and many more. In fact the Vasuson 40 is our pump with the most versatile assignment. As the name suggests the pump delivers a capacity of up to 40 liters per minute and it does its job in a quiet way with low vibrations.

The practical 3-way tap saves the reconnection of the tubing set on an exchange container when the capacity of the first container is reached. A turn at the 3-way tap and the work can be continued immediately.



Type:	Vacuson 40
Input Voltage:	115/230 Volt at 50-60 Hz
Power consumption	185 W
Suction performance:	Up to 40 l/min.
Max. Vacuum:	-0.9 bar at 686 mmHG
Dimension, control unit (W x D x H):	360 x 290 x 280
Weight, control unit:	8.5 kg

Only suction unit, without bottles, jar lid and Cannula

Vacuson 40

- Economic due to excellent price/performance ratio
- Precise and continuously adjustable suction performance
- Solid, reliable and approved technology
- Low noise and vibrations
- Automatic overflow safety. Changeover valve
- Oil free piston pump

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Vacuson 60, strong vacuum and high suction performance

The motor of the Vacuson 60 suction pump drives two pistons to generate vacuum. That's how the high suction performance of 60 liters per minute is achieved.

A double piston motor for generating vacuum predestinates the Vacuson 60 vacuum pump for extended applications, compared to the Vacuson 40. It does its job in a sturdy, quiet and reliable way that lets you keep your eyes on the patient. By fine tuning of the vacuum you can also work in more sophisticated areas where it's important to keep the vacuum on an adjusted magnitude. Nouvag's wide range of extensions and accessories completes this system to a level that doesn't leave much space for further wishes.



Vacuson 60

- Economic due to excellent price/performance ratio
- Precise and continuously adjustable suction performance
- Solid, reliable and approved technology
- Low noise and vibrations
- Automatic overflow safety, Changeover valve
- Oil free double piston pump
- Widest range of applications
- Stronger vacuum
- Higher flow rate

Type:	Vacuson 60
Input Voltage:	115/230 Volt at 50-60 Hz
Power consumption	250 W
Suction performance:	Up to 60 l/min.
Max. Vacuum:	-0.9 bar at 686 mmHG
Dimension, control unit (W x D x H):	360 x 290 x 280
Weight, control unit:	12 kg

Only suction unit, without bottles, jar lid and Cannula

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Cofiguration example for Vacuson 40 and Vacuson 60

The Vacuson suction pump system can be configured individually after your wishes and can be altered anytime with further components.



Example 1

Extractor pump

- Vacuson 40
- Stativ
- 1 suction bottle, 2 Liter
- Vario AIR pedal
- Suction cup
- Tube holder



Example 2

Surgery pump

- Vacuson 60
- Stativ
- 2 suction bottles, 5 liter
- Yankauer cannula
- Tube holder

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Collection Systems

Sometimes it makes sense to have the standard suction bottle at hand, sometimes you need a hassle free disposing of a filled bottle, without wasting time with cleaning and reinstalling. Choose from our collection of reusable and disposable suction bottles to work always in the balance between convenience and economic advantage.



Ref. 4245

Suction bottle with a capacity of **5 liter** for Vacuson 40/60 and 60 LP. Applicable with jar lid 4058.



Ref. 4052

Suction bottle with a capacity of **2 liter** for Vacuson 40/60 and 60 LP. Applicable with jar lid 4058.



Ref. 4058

Jar lid with overflow safety mechanism for 2 liter and 5 liter bottles for Vacuson 40/60 and 60 LP.

Ref. 4033/4093

Complete Suction bottle with Jar Lid for Vacuson 18. Graduated jar with 1.5 and 2.0 liter capacity. Bottle and jar lid are also available separately, according to the pictures at the right.



1.5 liter bottle
Ref. 4033

2.0 liter bottle (without picture)
Ref. 4093



1.5 liter bottle
Ref. 4049



2.0 liter bottle
Ref. 4094



Ref. 4039

Ref. 4030

Monokit consisting of disposable liquid bag with jar lid, retaining fixture and graduated polycarbonate jar for Vacuson 40/60 and 60 LP. Graduated jar with 2.0 liter capacity. Airvalve is hydrophobic after GORE™ with SMOKE® protection. Disposable liquid bags with jar lid in a box of 50 pieces and graduated jar are also separately available.



Ref. 4030



Ref. 4036



Ref. 4035

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Extensions and Accessories

To make the daily work as efficient as possible Nouvag offers many helpful extensions and accessories. Complete your equipment with the feature that makes your work easier and more practical. To have the right expendable item at your hand at the right time is essential. Make Nouvag your partner of choice for tube sets filters and other expendable items.

Ref. 4122

The STAND is a mobile device carrier. It's equipped with a bottom shelf and a top shelf, on which different devices can be placed. The STAND comes with 4 antistatic rolls, from which 2 are lockable.





Ref. 1898

The SANICAR is a mobile device trolley for transporting or carrying a maximum of 3 devices. It is equipped with three bottom trays, an optional hanger rod for a bottle and a multiple socket outlet with 3 sockets and an illuminated main switch. Four suction jars or other usefull accessories can be adapted to the top tray. The SANICAR comes with antistatic rolls from which two are lockable.

Ref. 4053/4054

Suction cups for Obstetrics use with a diameter of 60 mm (4053) or 70 mm (4054).



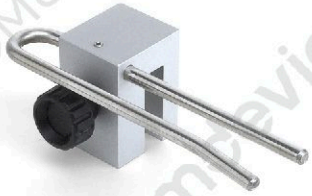
Ref. 4242

Foot regulator for Extractor Pump with 2 meters of silicone tube including connectors on both ends.



Ref. 4118

Tube holder to connect with the suspension attachment of either the Sanicar (1898) or the Stand (4122) or even with the Vacuson 40, 60 and 60 LP.



Ref. 4246

Hydrophobic Bacteria Filter with built-in overflow safety for Vacuson 18/40/60 and 60LP. Change periodically every 8 hours of work or immediately when foam was building up.



Ref. 4043

Rinsing goblet with connection module to connect with the Sanicar (1898), the Stand (4122) or the Vacuson 40, 60 or 60 LP.



Ref. 28535

Angled connector built of aluminium to use instead of the plastic straight piece, for more convenience at work.



Ref. 6026

Sterile, disposable tube, length 4 m, to connect the conform cannula handpiece with the jar lid of the suction bottle. Tube diameter, inner/outer, is 6.5 mm/9 mm.



Ref. 4076

Sterilizable Silicone Pump Tube, 2 meters for Vacuson 40/60. Tube diameter, inner/outer, is 8 mm/11 mm.



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Suction Instruments

The Gynaecology Curettes and Cannulas fit perfectly to the Nouvag product range of Suction Systems. All shown items are sterilizable and autoclavable.

Ref. 4446

Yankauer Suction Cannula of a length of 28 cm and a central bore of 2.0 mm diameter.



Ref. 4449

Andrews Pynchon with a length of 24 cm and a central bore of 2.0 mm diameter.

Acces-sories

Ref. 4430

Ø 14 mm



Ref. 4429

Ø 12 mm



Ref. 4428

Ø 10 mm



Ref. 4427

Ø 8 mm



Ref. 4426

Ø 6 mm



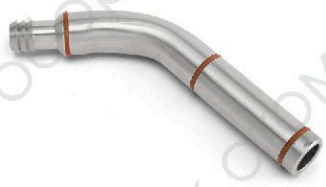
Ref. 4425

Ø 4 mm



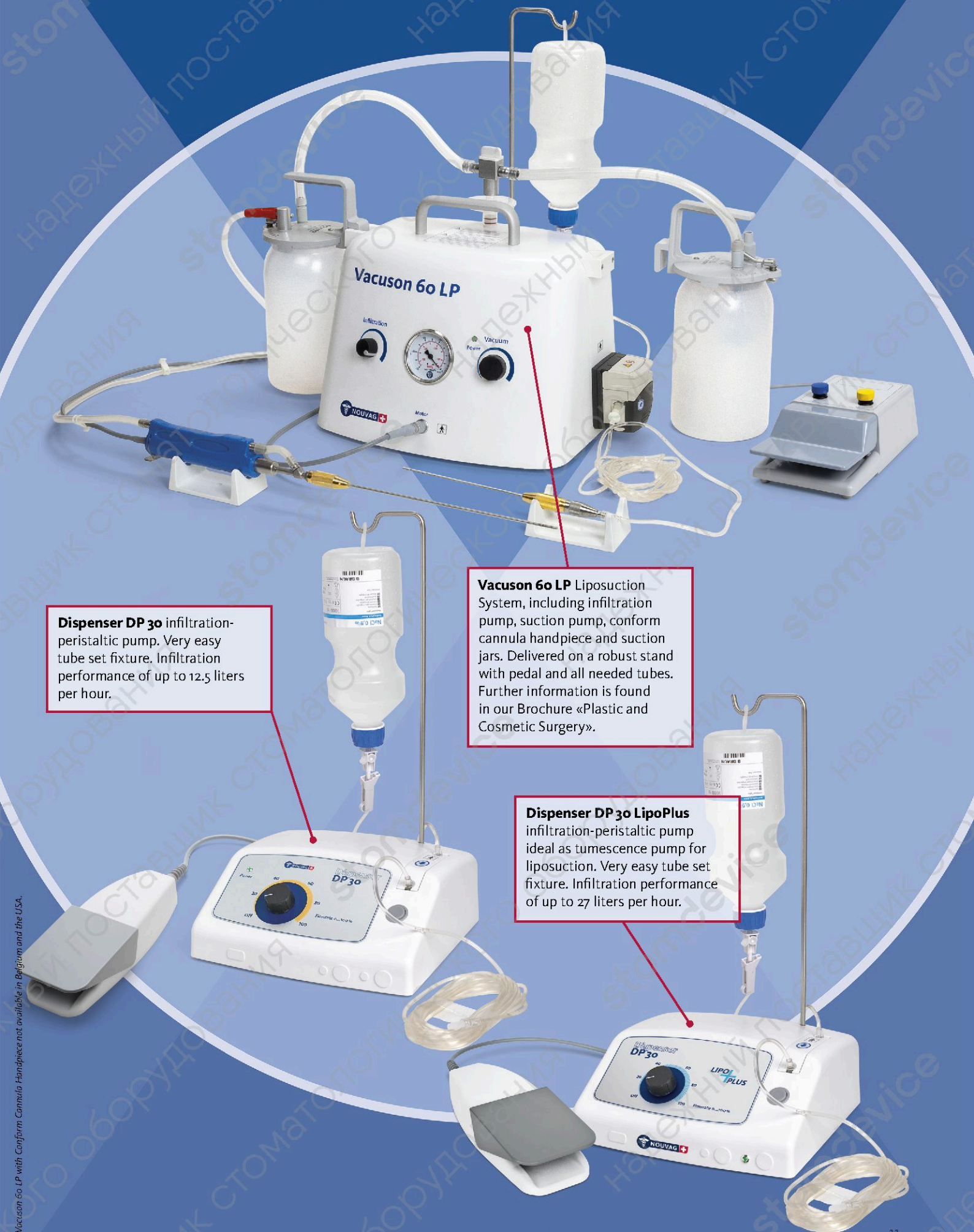
Ref. 4420

Tube connection for curettes.



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Further Nouvag suction pumps and infiltration pumps



Vacuson 60 LP Liposuction System, including infiltration pump, suction pump, conform cannula handpiece and suction jars. Delivered on a robust stand with pedal and all needed tubes. Further information is found in our Brochure «Plastic and Cosmetic Surgery».

Dispenser DP 30 infiltration-peristaltic pump. Very easy tube set fixture. Infiltration performance of up to 12.5 liters per hour.

Dispenser DP 30 LipoPlus infiltration-peristaltic pump ideal as tumescence pump for liposuction. Very easy tube set fixture. Infiltration performance of up to 27 liters per hour.

Vacuson 60 LP with Conform Cannula Handpiece not available in Belgium and the USA.

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