



Please note!!!

The information and technical details mentioned in this documentation reflect the status at the time of printing. Depending on the state of design and development, there may be differences between the illustrations in the instructions for use and the product's actual appearance. This does not affect the accuracy of the information, instructions, and the operating procedures described.

The product may only be used by people who are familiar with the medical device's basic functions. The instructions for use are intended for medical and specialized technical personnel. Serious incidents related to the product must be reported to the manufacturer and the competent authority of the Member State where the user is established.

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2. Introduction

Dear customer,

Thank you for choosing a Heyer Aerotech GmbH product!



Please read the Instructions for use before using the product!

These instructions for use apply to our product:

Connecting hose (all variants)

The information listed below will help you quickly familiarize yourself with our product, features and operation.

Our product has been produced in accordance with all currently applicable standards and directives.

IMPORTANT NOTE!

- **There are no warranty claims for damage or malfunction caused by improper transport, storage or use!**

3. Intended purpose

Connecting hoses are flexible hoses that run between the medical gas outlet (for example O², AIR, N²O, VAC) and the device connection, according to DIN EN ISO 5359.

4. Variants

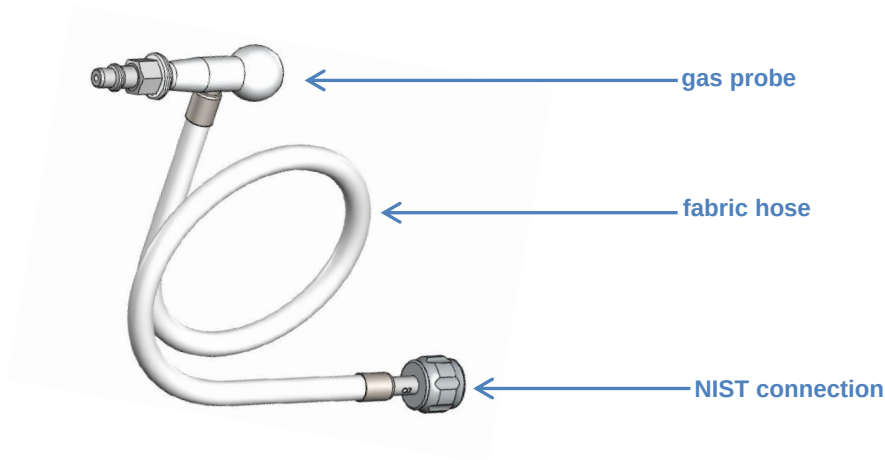
The input connector consists of a gas-specific plug.
For example according to DIN 13260-2*, BS 5682*, NF S 90-116*, SS 8752430*, ENV 737-6*.

*other coded connections on request

The output connector consists of a gas-specific connector:
Variants of gas specific-connector:

- NIST acc. to DIN EN ISO 18082
- DISS acc. to.CGA V-5

5. Overview



Example (see picture)
Input: DIN 13260-2 - Output: NIST

Gas type	oxygen		compressed air		vacuum		nitrous oxide	
colour coding	ISO 32	neutral	ISO 32	neutral	ISO 32	neutral	ISO 32	neutral
	white	black	black-white	black	yellow	black	blue	black
item no.	6600107	6600106	6600117	6600116	6600127	6600126	6600137	6600136
length	1,5 m*		1,5 m*		1,5 m*		1,5 m*	
input	acc. to DIN 13260-2		acc. to DIN 13260-2		acc. to DIN 13260-2		acc. to DIN 13260-2	
output	NIST acc. to DIN 18082		NIST acc. to DIN 18082		NIST acc. to DIN 18082		NIST acc. to DIN 18082	

*other lengths on request

6. Operation

NOTE
Keep connection hoses clean, oil and grease free!

6.1 Connection

First connect the connecting hose on the device side.
The connections must only be tightened by hand.

NOTE

Using tools can cause damages.

Following you can connect the hose to the medical gas outlet.

NOTE

The instructions for use of the medical gas outlet and the respective end device on which the connecting hose is used must be observed.

NOTE

Connection hoses must not be modified or connected to each other.

6.2 End of operations

Dismantle connections in reverse order.

7. Technical Data

Technical Data	
operating pressure	Max. 1400 kPa at 23 °C
bursting pressure	Min. 5600 kPa at 23 °C
storage conditions	temperature: -20 bis 60 °C rel. humidity: 5-95 %
operating conditions	temperature: -20 bis 50 °C rel. humidity: 5-95%
material	Connections: stainless steel, aluminium, NBR
	Hose: PVC / REACH-compliant
GMDN-Code	42039 ; 40484 ; 42834 ; 37936
classification	Ila
lifetime	min. 8 years*

*under consideration of the information about inspection / maintenance in this IFU

8. Cleaning

NOTE:

When cleaning, make sure that no liquids enter the connecting hose.

The below listed measures must be carried out before the first use, before every patient change, and whenever necessary from a clinical, hygienic point of view.

Only agents that do not attack the materials used (stainless steel, aluminum, PVC) may be used for cleaning and disinfection.

- Remove impurities immediately. Use a cloth dampened with disinfectant to remove it.
- Remove any remaining disinfectant after the exposure time.
- Check products for visible contamination. Possibly repeat the above steps.
Check the product for visible damage and replace if necessary.

NOTE:

Observe the hygiene regulations of the hospital / operator!

8.1 Disinfection

We recommend surface disinfectant cleaner or rapid disinfectant for wipe disinfection of the medical device, which comes from the neoform MED series from Dr Weigert or other suitable agents from the current list of the VAH (Association for Applied Hygiene).

9. Maintenance

The implementation of maintenance measures depends on the type of use, the conditions of use and the intensity of use. The maintenance measures are to be determined by the user.

9.1 Inspection / Service

The connection hose is to be subjected to a regular visual inspection and a functional test.

During the visual inspection, the connecting hose must be checked for integrity and completeness.

If there is a leak or after 5 years at the latest, the O-ring in the (device-side) outlet connector (NIST or DISS) must be replaced.

In case of defects, the connecting hose must be replaced.

9.2 Spare parts

item no.	description
0493083	O-ring 7,6x2,4 for NIST nipple O2 / Air / N2O / Vac
0493025	O-ring 8,1x1,6 for NIST nipple CO2
0493081	O-ring for DISS nipple (7 x 1,5)
0183210-05	O-ring for DISS nipple AIR
9900550	O-ring for DISS nipple N ₂ O

10. Accessories

item no.	description
5562970	Hose holder to hang up
5562974	Screwable hose holder
5562972	Hose holder / rail

11. Manufacturer



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