



# BAHNER III

PORTABLE ANESTHESIA SYSTEM

**HEYER**   
MEDICAL AG



Bitte  
geschlossenen  
mit dem Gerät nicht in Berührung

HEYER  
MEDICAL AG

O<sub>2</sub> N<sub>2</sub>O O<sub>2</sub>  
l/min l/min l/min  
1000 1000 1000  
1000 900 800 700 600 500 400 300 200 100  
10 9 8 7 6 5 4 3 2 1  
0 1 2 3 4 5 6 7 8 9 10  
N<sub>2</sub>O O<sub>2</sub>

0  
0.2 0.4 0.8  
Vol %  
HEYER  
MEDICAL AG  
Sevoflurane

0 10 20 30 40 50 60 70 80 90 100

FLU5m



## PORTABLE ANESTHESIA SYSTEM

### FLEXIBLE APPLICATION

The HEYER Bahner III is a portable anesthesia unit for mobile applications. It may also serve for ambulatory use or as a stationary device in small OR's or ambulances.

The Bahner III is easy transportable due to its separation in an application and a gas supply unit. Combined with a patient monitor the system offers you the same safety standard and comfort as a stationary unit.

Low flow capability allows a very economic use.

### THE „SEMI-CLOSED“ CIRCLE SYSTEM

The circle system contains:

- Circle system holder
- CO2 absorber
- Inspiratory and expiratory valve
- APL valve
- Airway pressure gauge
- 3 patient hoses (1,3 m)
- Y-piece
- Hand bag for manual ventilation



### THE COMPACT BASIC UNIT

The basic unit can be transported safely due to its low weight and its stable carrying handle. It contains a rail mounting system, a N2O cut-off and an O2 fail alarm.

The basic unit includes a 4 tube or 6 tube fresh gas dosing system, depending on your demands equipped with 2 for O2, 2 for N2O and 2 for AIR and an O2 bypass.

A Ratio-System maintains at least an O2 concentration of 25% in fresh gas.

A Selectatec compatible mount is used to adapt a standard vaporizer with locking mechanism.

### MODULAR DESIGN

Due to its structured and modular design and in combination with a patient monitoring system of your choice, the HEYER Bahner III is a portable anesthesia workstation for almost all applications.

The transport box as an option is prepared to contain all necessary components and the basic unit for your anesthesia mobility guarantee. The HEYER Bahner III fulfills your requirements in isolated regions and also e. g. after natural disasters.

We will be glad to help you with the configuration of your device.



2-Gas Version  
O2/AIR or O2/N2O



3-Gas Version  
O2/N2O/AIR



Emergency  
Version

# SPECIFICATIONS

## General Specifications

Basic unit:

Dimensions HxWxD  
(depending on configuration) 190 x 300/345 x 190 mm

Weight  
(depending on configuration) 6,2 / 7,9 kg

Circle system:

Dimensions HxWxD 330 x 280 x 125 mm

Weight 3,5 kg

## Gas Supply

Central gas supply:  
(depending on configuration)

Oxygen (O<sub>2</sub>) 280 - 600 kPa

Nitrous oxide (N<sub>2</sub>O) 280 - 600 kPa

Compressed air (AIR) 280 - 600 kPa

Cylinders (optional) 2 L or 10 L

## Fresh Gas Dosing

Fresh gas dosing  
(depending on configuration) 4 tube flowmeter block or  
6 tube flowmeter block with  
"Ratio- System"

O<sub>2</sub> (fine) 100 - 1000 ml/min

O<sub>2</sub> (coarse) 1,5 - 10 l/min

N<sub>2</sub>O (fine) 100 - 1000 ml/min

N<sub>2</sub>O (coarse) 1,5 - 10 l/min

AIR (fine) 100 - 1000 ml/min

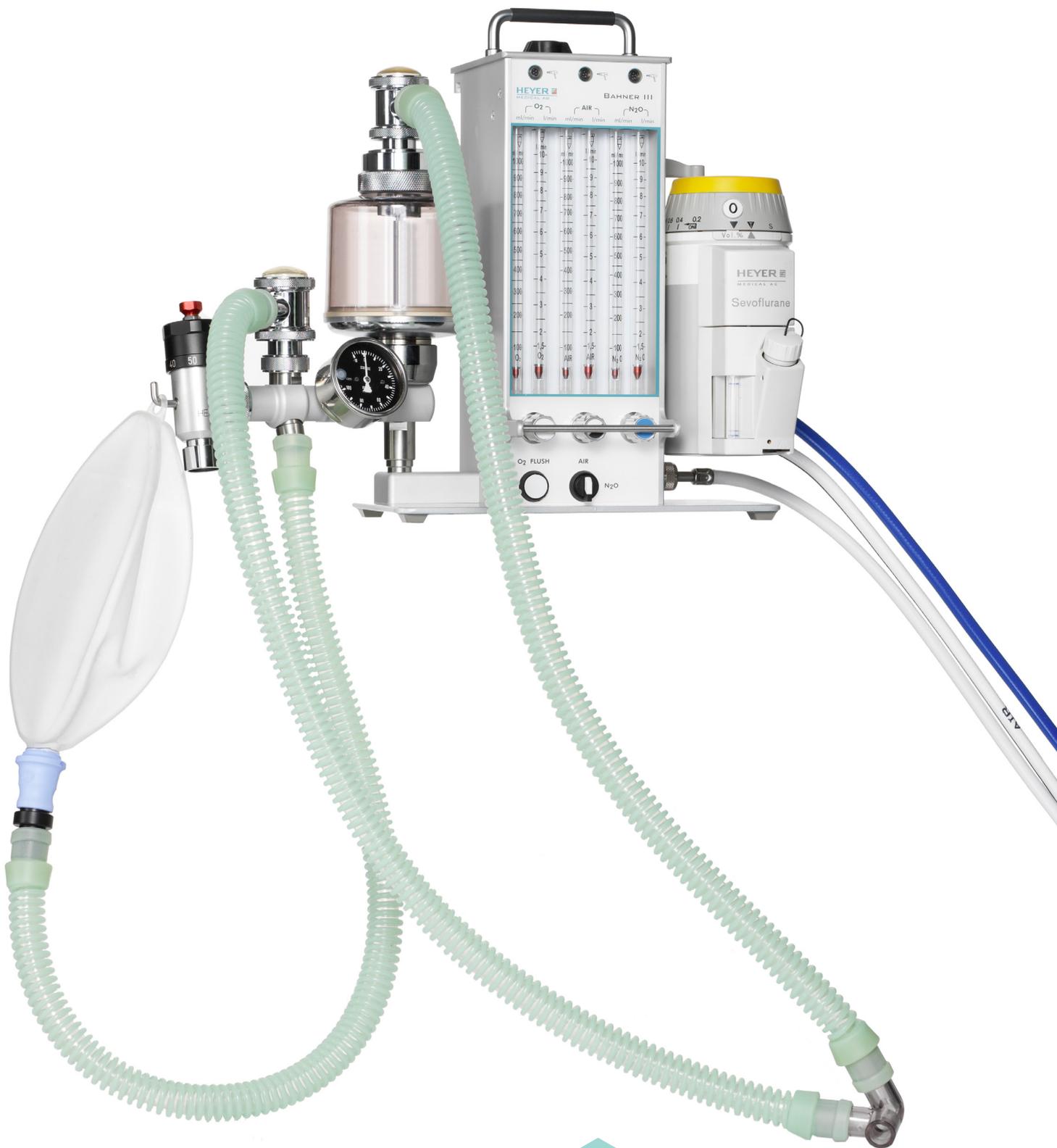
AIR (coarse) 1,5 - 10 l/min

# ORDER DATA

Part-No.	Description
800-3600	HEYER Bahner III O <sub>2</sub> / N <sub>2</sub> O / AIR / Ratio-System
800-3660	HEYER Bahner III O <sub>2</sub> / N <sub>2</sub> O / Ratio-System
800-3670	HEYER Bahner III O <sub>2</sub> / AIR / Ratio-System

## Accessories

800-9013	Supply hose O <sub>2</sub> , 1,5m, NIST-connector, ISO32 gas supply connector
800-9014	Supply hose N <sub>2</sub> O, 1,5m, NIST-connector, ISO32 gas supply connector
800-9015	Supply hose AIR, 1,5m, NIST connector, ISO32 gas supply connector
613-3890	Anesthesia gas scavenging system consisting of: Anesthesia gas scavenging tube set, Bypass adapter, Anesthesia gas scavenging plug
800-4799	Stand for cylinders including: Rail mount adapter, Holding device for O <sub>2</sub> - and N <sub>2</sub> O-cylinders 2 L, Multipurpose wrench incl. holding device
604-3500	O <sub>2</sub> -cylinder 2 L (empty)
604-3900	N <sub>2</sub> O-cylinder 2 L (empty)
601-2895	Mech. Volumeter HALOSCALE
605-2480	O <sub>2</sub> -pressure reducer for 2 L and 10 L-cylinders
605-2482	N <sub>2</sub> O-pressure reducer for 2 L-cylinders
605-2484	N <sub>2</sub> O-pressure reducer for 10 L-cylinders
605-2486	AIR-pressure reducer for 2 L and 10 L-cylinders
800-4770	Mobile frame MB
800-3680	Mobile frame FUEGO
800-3697	Transport box for mobile application, orange





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