

Brief instructions

as of device software 3.300

This document does not replace the user's manual. Make sure to read the user's manual!

When?	What?	By whom?
Before commissioning	Safety check	Provider/Service
Weekly	Clean/replace coarse filter, visual inspection of fine filter	User
Monthly or if heavily contaminated	Replace fine filter	User
Every 6 months	Battery quick test	User/Provider
Every 6 months during storage	Charge battery to 100 %	User/Provider
Every 6 months without bacterial filter	Replace the valve membrane (expiration)	Provider/Service
Every 2 years	Maintenance 2 (refer to the service manual)	Provider/Service
After 15000 h blower run time or every 5 years	Maintenance 5 (refer to the service manual)	Provider/service

RUNNING A BATTERY QUICK TEST

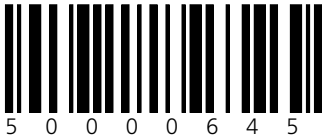
The battery quick test should be done every 6 months as follows:

- Make sure that the battery is fully charged (100 %).
- Disconnect the device from the power supply and operate it for 1 hour on battery.
- The battery passed the test, if the battery charge is higher than > 10 % after one hour and the "Low Internal Battery" message has not appeared. Should the battery charge fall below 10 % and the alarm "Internal battery low" message appears, then the battery has to be replaced by an authorized service representative.
- Charge the batteries up to 100 % by operating the devices via mains.

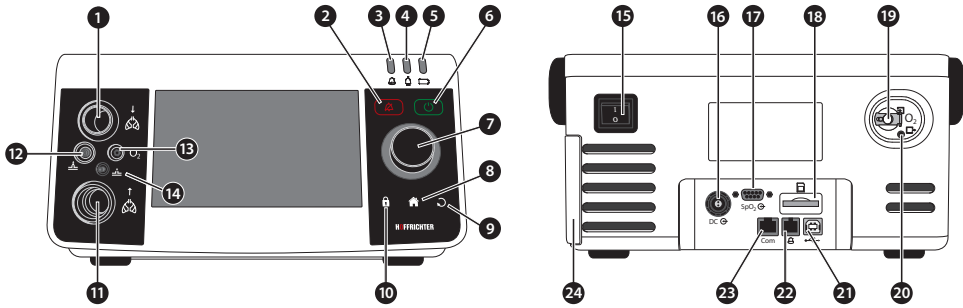
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DEVICE DESCRIPTION



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Tube circuit connection - Inspiration
- 2

Confirm audio alarm pausing for 2 min
- 3

Alarm LED
- 4

Power LED
- 5

Battery LED
- 6

Start/stop ventilation
- 7

Multifunctional key MFK
- 8

Switch to home screen
- 9

Escape
- 10

→ MFK: Unlock/lock keys
- 11

Tube circuit connection - Expiration
- 12

Control tube connection
- 13

Oxygen sensor cable connection
- 14

Pressure measuring tube connection
- 15

Switch device On/Off
- 16

DC connection
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SpO₂ sensor connection
- 18

SD card slot
- 19

Oxygen supply connection
- 20

Oxygen output
- 21

USB interface (PC connection)
- 22

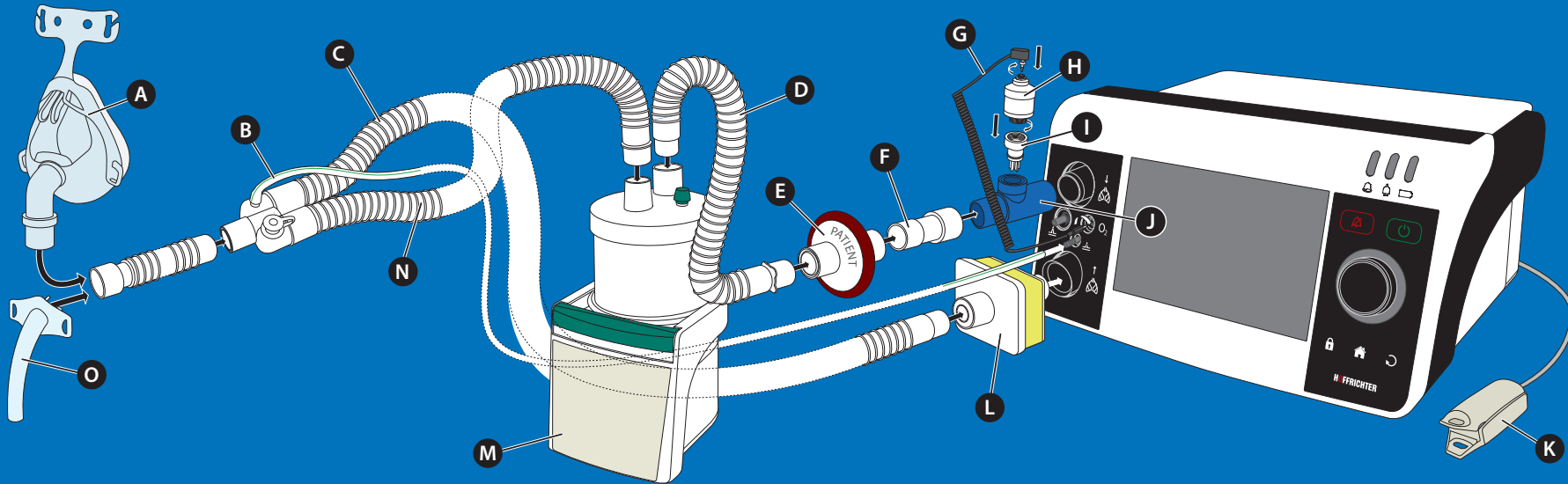
Remote alarm/nurse call
- 23

RS232 interface (accessories)
- 24

Filter cassette

SYSTEM STRUCTURE

- A Mask
- B Pressure measuring tube¹
- C Tube circuit (Expiration)
- D Connection tube¹
- E Bacterial filter¹
- F Bacterial filter adapter¹
- G Connector cable¹
- H FiO₂ sensor¹
- I FiO₂ sensor adapter¹
- J T adapter¹
- K SpO₂ sensor¹
- L Hydrophobic filter ¹
- M Humidifier¹
- N Tube circuit (Inspiration)
- O Tracheal cannula



¹ Optional

EXPLANATION OF THE TOOLBAR SYMBOLS

	Clinic mode active
	Home mode active
	High-priority alarm
	Medium-priority alarm
	Low-priority alarm
	Audio alarm paused
	Counter "Audio alarm paused"
	Keylock activated
	Spontaneous breathing detected
	SpO₂ sensor connected
	Trigger lock "On"
	Trigger lock currently active

	A FiO₂ sensor is connected and "FiO₂-Monitoring" setting has been set to "Internal" in the system screen.
	The "FiO₂-Monitoring" setting has been set to "External" in the system screen. Measurement of oxygen concentration is performed using an external FiO₂-Monitoring unit.
	A FiO₂ sensor is connected, the "FiO₂-Monitoring" setting has been set to "Internal" in the system screen and oxygen is supplied.
	The "FiO₂-Monitoring" setting has been set to "External" in the system screen. Measurement of oxygen concentration is performed using an external FiO₂-Monitoring unit and oxygen is supplied.

	SD card is inserted in the device
	No SD card in the device
	PC is connected via the USB port
	Error detected
	Internal battery fully charged
	Internal battery being charged (1 bar ± 20 % of charge)

IMPORTANT OPERATING ACTIONS

LOCK/UNLOCK KEYS
Press the safe key . flashes in the toolbar for about 5 s. Press the MFK during that time.

SWITCHING ON/OFF THE DEVICE
The device is switched on and off with the main switch on the back of the device.

START VENTILATION
Press the ON/OFF key to start the ventilation.

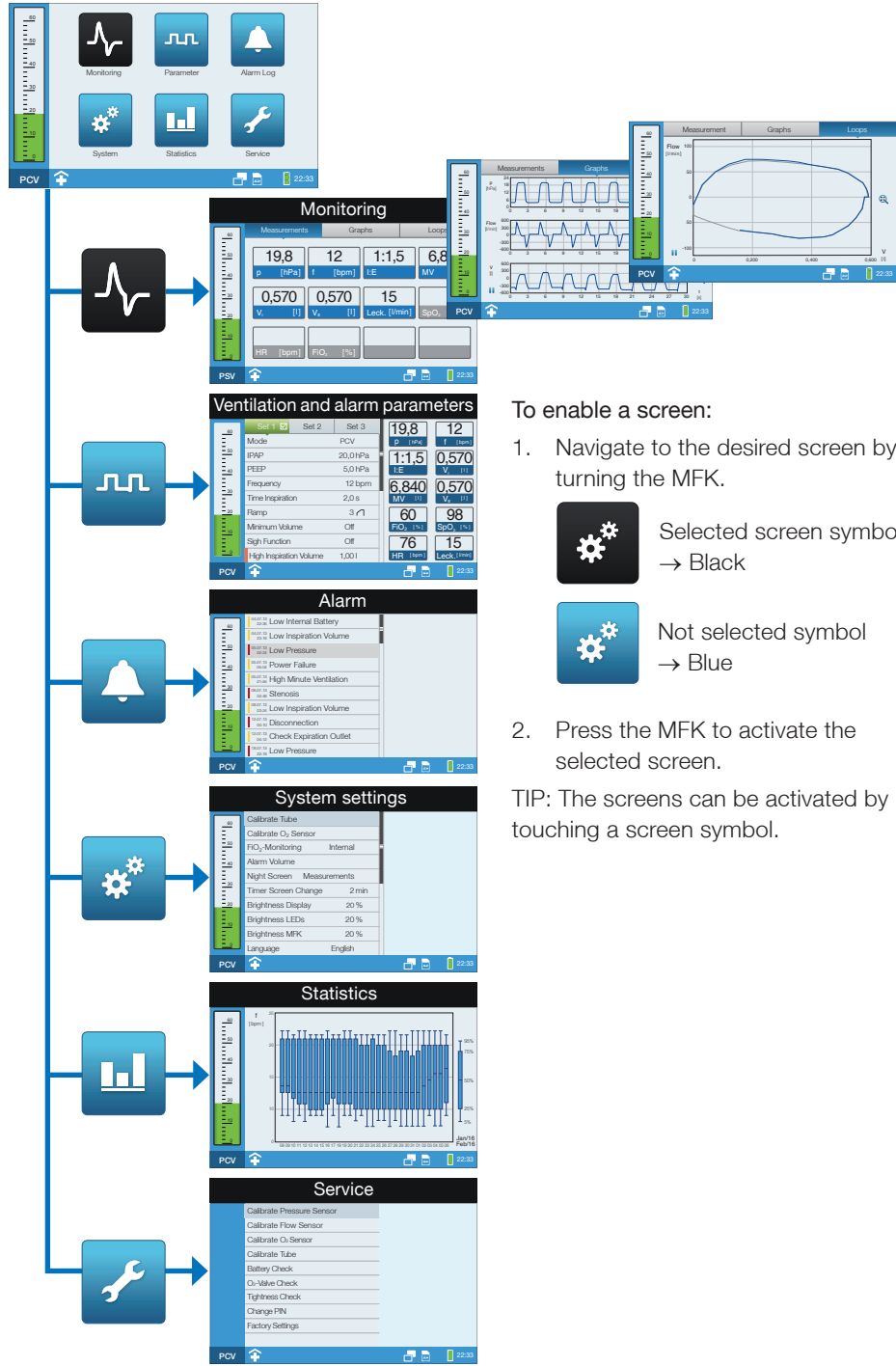
STOP VENTILATION
Press the ON/OFF key . Select "Yes" by turning the MFK. Press the MFK.

DISPLAY BATTERY STATUS
Touch the battery symbol .

DISPLAY ERROR LIST
Touch the error symbol .

SWITCHING NIGHT SCREEN ON AND OFF
Touch the symbol , to switch on night screen. To switch night screen off, touch or select any control element (except Safe key).

MENU STRUCTURE



- To enable a screen:
- Navigate to the desired screen by turning the MFK.
 Selected screen symbol → Black
 Not selected symbol → Blue
 - Press the MFK to activate the selected screen.
- TIP: The screens can be activated by touching a screen symbol.