

Алматы (7273)495-231
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Благовещенск (4162)22-76-07
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Владикавказ (8672)28-90-48
Владимир (4922)49-43-18
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89

Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Коломна (4966)23-41-49
Кострома (4942)77-07-48
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Курган (3522)50-90-47
Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Ноябрьск (3496)41-32-12
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Петрозаводск (8142)55-98-37
Псков (8112)59-10-37

Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Саранск (8342)22-96-24
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Сыктывкар (8212)25-95-17
Тамбов (4752)50-40-97

Тверь (4822)63-31-35
Тольятти (8482)63-91-07
Томск (3822)98-41-53
Тула (4872)33-79-87
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Улан-Удэ (3012)59-97-51
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Чебоксары (8352)28-53-07
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Чита (3022)38-34-83
Якутск (4112)23-90-97
Ярославль (4852)69-52-93

Россия +7(495)268-04-70

Казахстан +7(7172)727-132

Киргизия +996(312)96-26-47

www.getinge.nt-rt.ru | | gtw@nt-rt.ru

Технические характеристики на аппараты для анестезии Flow-i, Flow-c, Flow-e компании **GETINGE**

Flow-c Anesthesia Machine

compact anesthesia model

Flow-c is the easy-to-use dynamic anesthesia machine. Despite its small size, it offers all Flow Family innovations, making sure to cover the need of care efficiency.

That in combination with its compact design gives it an advantage in the crowded Operating Room in a hospital as well as Ambulatory Surgery Centers, all with a busy schedule.

Dynamic Anesthesia Delivery when Every. Breath. Counts.



Compact efficiency in the busy OR

Flow-c is a compact anesthesia machine enabling safe and cost-efficient treatment.

- Ventilation performance to ICU standards
- Safe low-flow anesthesia with Automatic Gas Control
- MAC Brain for improved control of depth of anesthesia
- Active hypoxia prevention with O₂Guard
- Lung Recruitment Maneuvers to prevent postoperative complications

Introducing Flow-c

unique anesthesia technology makes the difference



Automatic Gas Control (AGC)

Safe and easy low-flow anesthesia

Automatic Gas Control (AGC) makes low-flow anesthesia delivery safe. It is an option uniquely available with Flow-i machines. Automation eliminates the need of continuous manual adjustments: with simple pre-settings, specifying the targeted inspired oxygen, end-tidal anesthetic agent levels and required speed, AGC solves the rest. innovation offers high precision combined with improved comfort and increased safety.

Automatic Gas Control



O₂Guard

Active hypoxia prevention

O₂Guard is the world's only system for active hypoxia prevention. Should the



MAC Brain

Better anesthetic agent dosing

For more precise control of depth of anesthesia



Lung recruitment

Gentle steps against atelectasis

lung recruitment maneuvers have become the



Ventilation performance

To ICU standards

Innovative Flow Core Technology is designed to promote efficient agent usage,

oxygen level drop below 21%, the O₂Guard automatically overrules the settings and increases the flow of oxygen. [7]

MAC Brain. A unique tool that visualizes the difference in agent concentration between the lungs and the target organ, the brain. [8]

to counter atelectasis, to improve oxygenation and help prevent postoperative complications.

precision to ventilate even the most challenging patients.

O₂Guard

MAC Brain

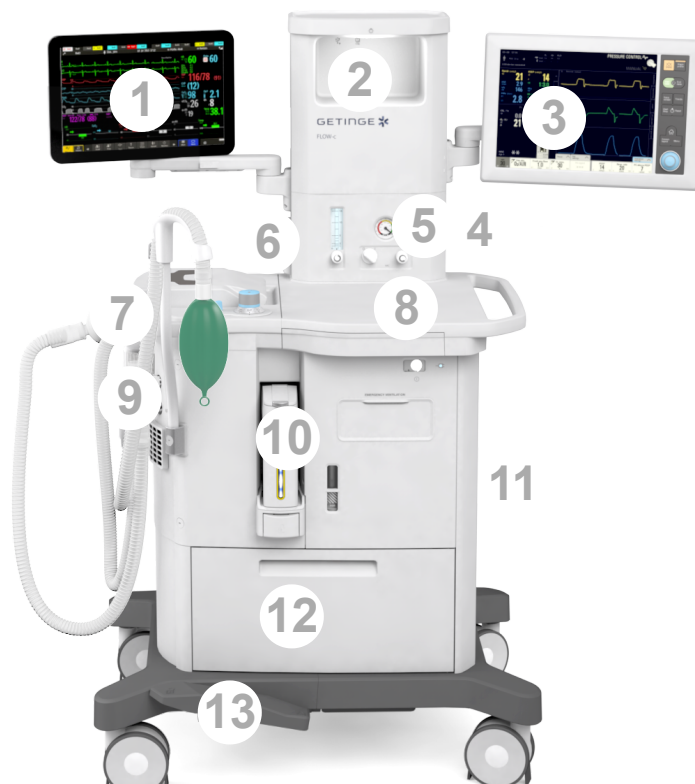
Recruitment maneuvers

Ventilation performance

User-friendly workstation in the OR

Developed together with clinicians, the compact Flow-c anesthesia machine is designed to facilitate a great scope for configuration and patient safety. With an intuitive interface and emphasis on ease of use anesthesia solutions ensure a streamlined workflow and efficiency in the operating room that offers enhanced cost control and resource management.

anesthesia workstation



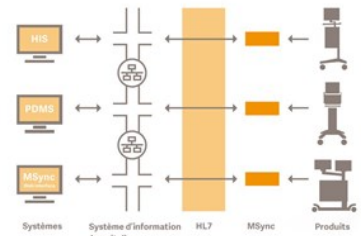
Comprehensive Service and Support

Avoid cancelling procedures

Connect and take control

The Getinge Online web portal connects you to any Getinge device, getting access to valuable data that will support biomed and clinicians in their daily work. The portal is a powerful tool for enhancing uptime and efficient use of your hospital's resources.

- Improve uptime in your OR
- Reduce costs and carbon footprint



One coherent offer

Getinge Services will maximize uptime and the long-term value of your investment. We provide a service plan that includes proactive maintenance, easy troubleshooting and prompt service by certified field reps –ensuring your equipment is operating to its full potential, all the time.

Quality consumables

The genuine Getinge consumables portfolio is specially developed for the highest possible patient safety and ease of use. original accessories and consumables ensure the best performance and safety for the Flow Family anesthesia delivery system.

Connectivity between systems

MSync makes it easy to connect the Flow machine to patient monitor, HIS and patient data management system with no need for third party system. Patient data is transferred via HL7 (MSync) in real time to support decision-making.

Flow-e Anesthesia Machine

Our extended anesthesia model for a streamlined workflow

Flow-e is an extended and flexible anesthesia machine for a dynamic anesthesia delivery. An extended workstation with a larger worktop, extra storage space, and generous mounting possibilities for auxiliary equipment.

Dynamic Anesthesia Delivery - Every. Breath. Counts.

Extended functionality in the OR

Introducing Flow-e

Dynamic Anesthesia Delivery



Flow-e delivers personalized anesthesia for a wide range of patients suitable for complex cases as well as general procedures.

- Ventilation performance to ICU standards
- Safe low-flow anesthesia with Automatic Gas Control
- MAC Brain for improved control of depth of anesthesia
- Active hypoxia prevention with O₂Guard
- Lung Recruitment Maneuvers to prevent postoperative complications



To free up time for the patients



Lung-protective ventilation helps prevent treatment-related complications

Automatic Gas Control (AGC) makes low-flow anesthesia delivery safe. With simple pre-settings, specifying the targeted inspired oxygen, end-tidal anesthetic agent levels and required speed, AGC solves the rest. Innovation offers high precision combined with improved comfort and increased safety. [\[1\]](#)[\[2\]](#)[\[3\]](#)[\[4\]](#)[\[5\]](#)[\[6\]](#)

lung recruitment maneuvers have become the tool of choice to counter atelectasis, to improve oxygenation and help prevent postoperative complications. What once was considered complex and time consuming is now seamlessly integrated into your workflow. [\[11\]](#) [\[12\]](#)

unique anesthesia technology makes the difference



Automatic Gas Control (AGC)

Safe and easy low-flow anesthesia

Automatic Gas Control (AGC) makes low-flow anesthesia delivery safe. It is an option uniquely available with Flow-i machines. Automation eliminates the need of continuous manual adjustments: with simple pre-settings, specifying the targeted inspired oxygen, end-tidal anesthetic agent levels and required speed, AGC solves the rest. innovation offers high precision combined with improved comfort and increased safety.

Automatic Gas Control



O₂Guard

Active hypoxia prevention

O₂Guard is the world's only system for active hypoxia prevention. Should the



MAC Brain

Better anesthetic agent dosing

For more precise control of depth of anesthesia



Lung recruitment

Gentle steps against atelectasis

lung recruitment maneuvers have become the



Ventilation performance

To ICU standards

Innovative Flow Core Technology is designed to promote efficient agent usage,

oxygen level drop below 21%, the O₂Guard automatically overrides the settings and increases the flow of oxygen.

O₂Guard

MAC Brain. A unique tool that visualizes the difference in agent concentration between the lungs and the target organ, the brain

MAC Brain

to counter atelectasis, to improve oxygenation and help prevent postoperative complications.

Recruitment maneuvers

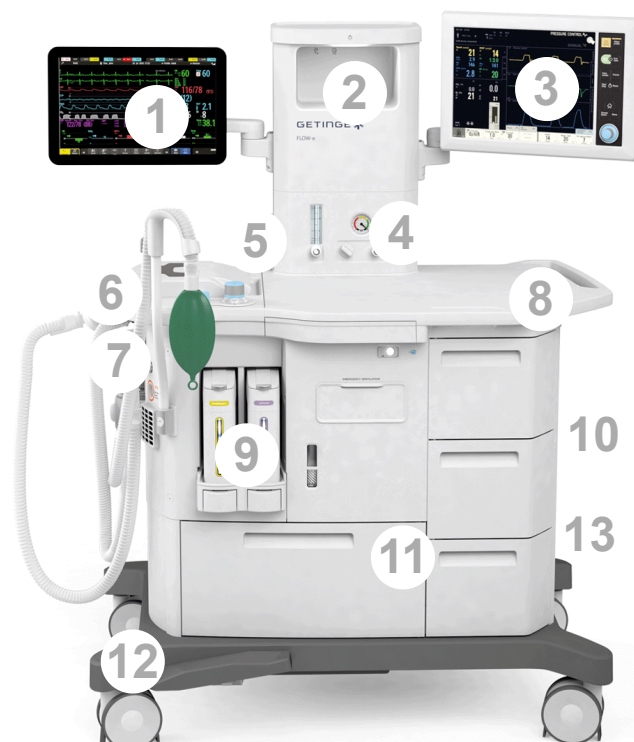
precision to ventilate even the most challenging patients.

Ventilation performance

User-friendly anesthesia machine in the OR

Developed together with clinicians, the extended Flow-e anesthesia machine is designed to facilitate a great scope for configuration and patient safety. With an intuitive interface and emphasis on ease of use^[16], anesthesia solutions ensure a streamlined workflow and efficiency in the operating room that offers enhanced cost control and resource management.

anesthesia workstation



Comprehensive Service and Support

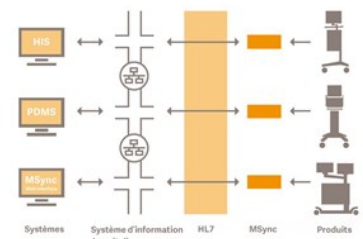
Avoid cancelling procedures

Connect and take control

The Getinge Online web portal connects you

clinicians in their daily work. The portal is a powerful tool for enhancing uptime and efficient use of your hospitals resources.

- Improve uptime in your OR
- Reduce costs and carbon footprint



One coherent offer

Getinge Services will maximize uptime and the long-term value of your investment. We provide a service plan that includes proactive maintenance, easy troubleshooting and prompt service by certified field reps –ensuring your equipment is operating to its full potential, all the time.

Quality consumables

The genuine Getinge consumables portfolio is specially developed for the highest possible patient safety and ease of use. original accessories and consumables ensure the best performance and safety for the Flow Family anesthesia delivery system.

Connectivity between systems

MSync makes it easy to connect the Flow machine to patient monitor, HIS and patient data management system with no need for third party system. Patient data is transferred via HL7 (MSync) in real time to support decision-making.

Flow-i Anesthesia Machine

innovative model for low-flow anesthesia delivery

Flow-i is a highly advanced anesthesia machine offering innovative Automatic Gas Control (AGC) and superior ventilation performance, suitable for highly specialized procedures such as pediatric and thoracic surgery.

It's a dynamic solution including an ergonomic, height adjustable version and a ceiling mounted model suitable for the Hybrid OR.

Dynamic Anesthesia Delivery - Every. Breath. Counts.

Advanced anesthesia for all situations

Dynamic Anesthesia Delivery

When Every. Breath. Counts.



Flow-i anesthesia machine provides safe, personalized and cost-efficient care. All to meet the needs of operating rooms that treat the most challenging patients.

- Ventilation performance to ICU standards
- Safe low-flow anesthesia with Automatic Gas Control
- MAC Brain for improved control of depth of anesthesia
- Active hypoxia prevention with O₂Guard
- Lung Recruitment Maneuvers to prevent postoperative complications

Unique anesthesia technology makes the difference

Automatic Gas Control

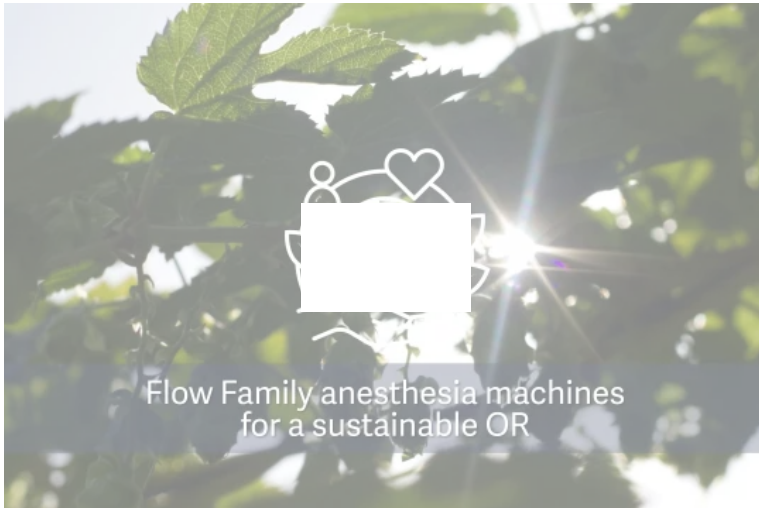
Safe and easy low-flow anesthesia

Automatic Gas Control (AGC) makes low-flow anesthesia delivery safe

- O₂ target control
- Prediction tool
- Speed selection
- No manual adjustments

AGC offers high precision combined with improved comfort and increased safety.[\[1\]](#)

Reduce anesthetic agent



A study shows that the unique Automatic Gas Control (AGC) in Flow-i anesthesia machine, lowers sevoflurane wastage by up to 58%; a sustainable and economic approach without compromising patient safety. [\[6\]](#)



Low flow – low impact

With low-flow anesthesia, a lower amount of anesthetic agent is released into the environment, reducing the impact of fluorocarbons and nitrous oxide on the ozone layer, thus reducing the overall greenhouse gas emissions.

unique anesthesia technology makes the difference



Automatic Gas Control (AGC)

Safe and easy low-flow anesthesia

Automatic Gas Control (AGC) makes low-flow anesthesia delivery safe. It is an option uniquely available with Flow-i machines. Automation eliminates the need of continuous manual adjustments: with simple pre-settings, specifying the targeted inspired oxygen, end-tidal anesthetic agent levels and required speed, AGC solves the rest. innovation offers high precision combined with improved comfort and increased safety.

Automatic Gas Control



O₂Guard

Active hypoxia prevention

O₂Guard is the world's only system for active hypoxia prevention. Should the

oxygen level drop below 21%, the O₂Guard automatically overrules the settings and increases the flow of oxygen. [\[7\]](#)



MAC Brain

Better anesthetic agent dosing

For more precise control of depth of anesthesia

MAC Brain. A unique tool that visualizes the difference in agent concentration between the lungs and the target organ, the brain.



Lung recruitment

Gentle steps against atelectasis

lung recruitment maneuvers have become the

to counter atelectasis, to improve oxygenation and help prevent postoperative complications.



Ventilation performance

To ICU standards

Innovative Flow Core Technology is designed to promote efficient agent usage,

precision to ventilate even the most challenging patients.

User-friendly anesthesia machines in the OR

The intuitive 15" rotatable and tiltable touchscreen is straightforward to understand and use, and lets you control everything from one place saving time. The Flow-i is easy to move, position and configure and it can be placed anywhere around the OR table, ensuring the screen is in reach. With flexible mounting options for both monitors and accessories, you can truly personalize your workstation. [\[16\]](#)

Flow-i is so easy to use, training new staff and external consultants is made much easier



Extra storage

Flow-i C20 provides you with the extra storage you need. Choose between two or three drawers.



Ergonomic choice

Flow-i C30 is unique in its height adjustability. Combined with a vast mounting and positioning flexibility you can tailor the machine to suite your working position.



Pendant version

Flow-i C40 is ceiling mounted, offering a two-part circulating radius, which results in a wide spatial range for the unit. The C40 facilitates cleaning and thus contributes to infection control.

Flow-i anesthesia machine

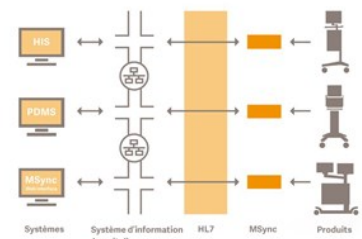


Comprehensive Service and Support

Avoid cancelling procedures

The Getinge Online web portal connects you to any Getinge device, getting access to valuable data that will support biomed and clinicians in their daily work. The portal is a powerful tool for enhancing uptime and efficient use of your hospital's resources.

- Improve uptime in your OR
- Reduce costs and carbon footprint



One coherent offer

Getinge Services will maximize uptime and the long-term value of your investment. We provide a service plan that includes proactive maintenance, easy troubleshooting and prompt service by certified field reps –ensuring your equipment is operating to its full potential, all the time.

Quality consumables

The genuine Getinge consumables portfolio is specially developed for the highest possible patient safety and ease of use. original accessories and consumables ensure the best performance and safety for the Flow Family anesthesia delivery system.

Connectivity between systems

MSync makes it easy to connect the Flow machine to patient monitor, HIS and patient data management system with no need for third party system. Patient data is transferred via HL7 (MSync) in real time to support decision-making.

Алматы (7273)495-231
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Благовещенск (4162)22-76-07
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Владикавказ (8672)28-90-48
Владимир (4922)49-43-18
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89

Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Коломна (4966)23-41-49
Кострома (4942)77-07-48
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Курган (3522)50-90-47
Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Ноябрьск (3496)41-32-12
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Петрозаводск (8142)55-98-37
Псков (8112)59-10-37

Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Саранск (8342)22-96-24
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Сыктывкар (8212)25-95-17
Тамбов (4752)50-40-97

Тверь (4822)63-31-35
Тольятти (8482)63-91-07
Томск (3822)98-41-53
Тула (4872)33-79-87
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Улан-Удэ (3012)59-97-51
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Чебоксары (8352)28-53-07
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Чита (3022)38-34-83
Якутск (4112)23-90-97
Ярославль (4852)69-52-93

Россия +7(495)268-04-70

Казахстан +7(7172)727-132

Киргизия +996(312)96-26-47

www.getinge.nt-rt.ru | | gtw@nt-rt.ru