

# Mindray Anesthesia Machine

From the basic WATO EX-20 anesthesia machine to the advanced A9 Anesthesia System, Mindray offers clinicians diversified choices which are all designed and rigorously tested to enhance the quality of patient care and the clinical experience for clinicians in over 150 countries.



# A9 Anesthesia System

All-round safety



Mindray's innovative A9 Anesthesia System empowers clinicians with intuitive and safe management of the anesthetic procedure, which ensures the safety of patients throughout peri-operative periods. Based on deep insights into the clinical workflow in the OR, the A9 is designed to streamline clinical tasks and enhance work efficiency.

## Introducing the new safety

### High Flow Nasal Cannula HFNC

HFNC can extend the safe apnoeic oxygenation time to 30min during induction. It helps clinicians intubate more easily, especially for patients with poor oxygen saturation such as bariatric, pediatric, critical ill or difficult airway.

### Automatic Controlled Anesthesia (ACA)

ACA can automatically adjust the fresh gas and vaporizer output to quickly achieve the preset target end-tidal agent and inspiratory oxygen concentration.

### Powerful protective ventilation toolkits to prevent PPCs



#### Transpulmonary pressure monitoring

supporting customized ventilation settings for individual patient.



#### Lung Recruitment Tool

A scheduled recruitment maneuver can be performed automatically.



#### TV/IBW indicator

Offering clinicians clear hint of appropriate tidal volume settings to avoid barotrauma.



## Less is more

### Customizable profiles

Configuration screen display can be customized and loaded easily for different clinical scenarios or use requirements, including default values, screen layout and system configuration.

### Automatic self-test system



Checks various parts automatically to ensure proper functioning



All checks completed in 3.5 minutes

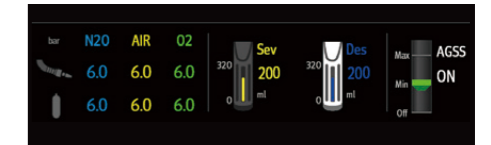


No manual intervention required during system check



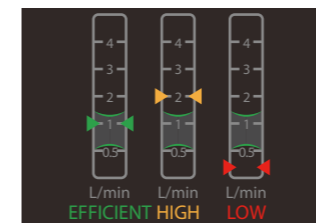
### Clear system status indicators

- Real-time system status display to help address malfunctions quickly.
- Clear prompts for certain scenarios for easy viewing of the current working mode.



### A green operating room

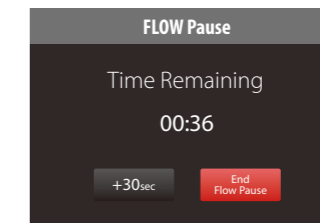
The A9 anesthesia workstation implements anesthesia gas reduction strategy during surgery to create a better working environment for surgical staff and save anesthetic agent costs.



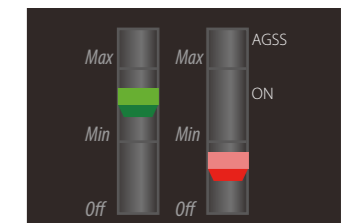
Optimizer

Fresh Gas+Agent Usage	
Start:	2019-11-21 9:42
End:	2019-11-21 14:42
SEV	100.0 ml
Iso	50.5 ml
O2	150.5 L
Air	150.5 L
N2O	0.0 L

AA measurement



Flow Pause



e-AGSS system

## Flexibility & connectivity

A highly flexible data integration solution is provided to connect the A9 anesthesia workstation with patient monitors, central monitoring station, as well as the hospital's information system to eliminate any gap in the flow of patient data.

# WATO EX-65 Pro Anesthesia Machine

New digital platform, changes the rule

Mindray WATO EX-65 Pro provides a variety of innovative solutions for a simplified clinical workflow, including integrated plug-and-play gas monitoring modules, smart alarm with graphical troubleshooting, large easy-clean work surface, automatic self-test, and a full range of controlled and support modes of ventilation.



## More precise

With new integrated innovative functions, the new WATO EX-65 Pro enables you to precisely control the system as well as different types of patient easily. A digital gas mixer with Optimizer makes precise gas delivery and safe low flow settings possible.

## More visible

With a 15 inch high resolution display, intuitive touch user interface, the WATO EX-65 Pro makes anesthesia process more visible. Visualizing the System Self-test procedure and smart alarm management with graphs and charts simplify complicated operation steps.

## More cost-effective

As a multifunctional anesthesia workstation, WATO EX-65 Pro is designed with cost in mind. Low flow settings become possible with Optimizer, which helps reduce the waste of anesthetic agent. The flow sensors with a long lifespan make maintenance much easier and cheaper.



# WATO EX-35 Anesthesia Machine

New digital platform, changes the rule

## New touch-screen control

- 10.4" touch-screen with quick access parameter controls
- Easy adjustment
- Smart Alarm system provides real-time detailed information

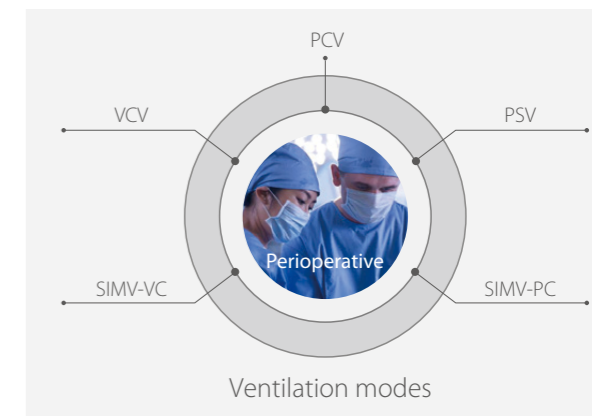
## Enhanced performance

Employing the latest technologies to support an extensive range of features and functionality, ensuring all anesthetic procedures are delivered safely, efficiently and effectively.

- Plug-and-play AG Module (auto ID of 5 agent and N<sub>2</sub>O)
- Integrated multi-mode ventilator
- Ventilator Drive Gas Auto Switch function to guarantee the patient is ventilated without interruption at all time

## Better usability

Designed with the user in mind, WATO EX-35 is a feature-rich, ergonomically designed anesthesia system that can be positioned for prolonged periods without experiencing unnecessary stress or fatigue.



P-n-P Gas Monitoring



Driven Gas Auto-switch



Smart Alarm Management