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Mindray Medical Netherlands B.V.
Drs.W.van Royenstraat 8, 3871 AN Hoevelaken, The Netherlands
Voice: (31-33) 254-4911
Fax: (31-33) 253-4280

Mindray Medical Italy S.r.l.
Via Leonardo DA Vinci, 158, 20090 Trezzano Sul Naviglio (MI), Italy
Voice: (39-02) 5737-401
Fax: (39-02) 5523-2018

Mindray Medical España S.L.
Avenida Manoteras 38, Edificio B, Bajo B008. 28050-Madrid Spain
Voice: (34-91) 392-3754
Fax: (34-91) 392-3756

Mindray Medical Germany GmbH
Goebelstrasse 21, 3. OG, 64293 Darmstadt
Voice: (49 6151) 3910 0
Fax: (49 6151) 3910 300

Mindray (UK) Limited
Mindray House, Kingfisher Way, Hinchingsbrooke Business Park,
Huntingdon, Cambs, PE29 6FN
Voice: (44) 1480-416-840
Fax: (44) 1480-436-588

Mindray Medical France SARL
Europarc Creteil 1 allée des cerisiers 94000 CRETEIL, France
Voice: (33-1) 4513-9150
Fax: (33-1) 4513-9151

Mindray Medical Rus Co.Ltd
2 Zvenigorodskaya Street, 13, bld 41, 123022 Moscow, Russia
Voice: (7-499) 553-6036
Fax: (7-499) 553-6039

Mindray Medical Colombia S.A.S
Room No.702, Torre UNIKA,Carrera 9 No.77-67, Bogota, Colombia
Voice: (57-1) 3130892 / 3210916

Mindray do Brasil – Comércio e Distribuição de Equipamentos Médicos Ltda.
Rua Tavares Bastos, 329, Perdizes, São Paulo - SP,
CEP 05012-020
Voice: (55-11) 3124-8026
Fax: (55-11) 3078-8035

Mindray Medical Mexico S. de R.L. de C.V.
Félix Parra # 175 Colonia. San José Insurgentes Sur Delegación Benito Juárez 03900 México, D. F.
Voice: (52-55) 5661-9450 / (52-55) 5662-6620
Fax: (52-55) 5662-6597

PT.Mindray Medical Indonesia
The East 11th Floor, Unit 08 Jl. Dr. Ide Anak Agung Gde Agung Kav. E 3.2 No.1 Jakarta 12950
Voice: (6221) 2902-7280
Fax: (6221) 2902-7283

Mindray Medical Egypt
Ground Floor -11 El Imam Metwally El Sharawi Street,
Sheraton Heliopolis - El Nozha, Cairo, Egypt
Voice: (2) 02 22691047
Fax: (2) 02 22691046

Mindray Medical Australia
ADD: 19 Harker St, Burwood VIC 3125, Australia
Voice: (61-3) 9830 6610
Fax: (61-2) 9550 2841

Mindray Medical Nigeria
ADD: 1004 Estate,Victoria Island, Lagos, Nigeria
Voice: (+234) 7030682053

Mindray Medical India Pvt. Ltd. (Delhi Office)
16th floor, Building No. 9-B, DLF Cyber City, DLF Phase- 3,
Gurgaon- 122002, Haryana
Voice: (91-124) 4632-488
Fax: (91-124) 4632499

Mindray Medical India Pvt. Ltd. (Mumbai office)
B-404, City Point, Andheri Kurla Road, Andheri East, Mumbai,
400 059, India
Voice: (91-22) 4020-0000
Fax: (91-22) 4020-0011

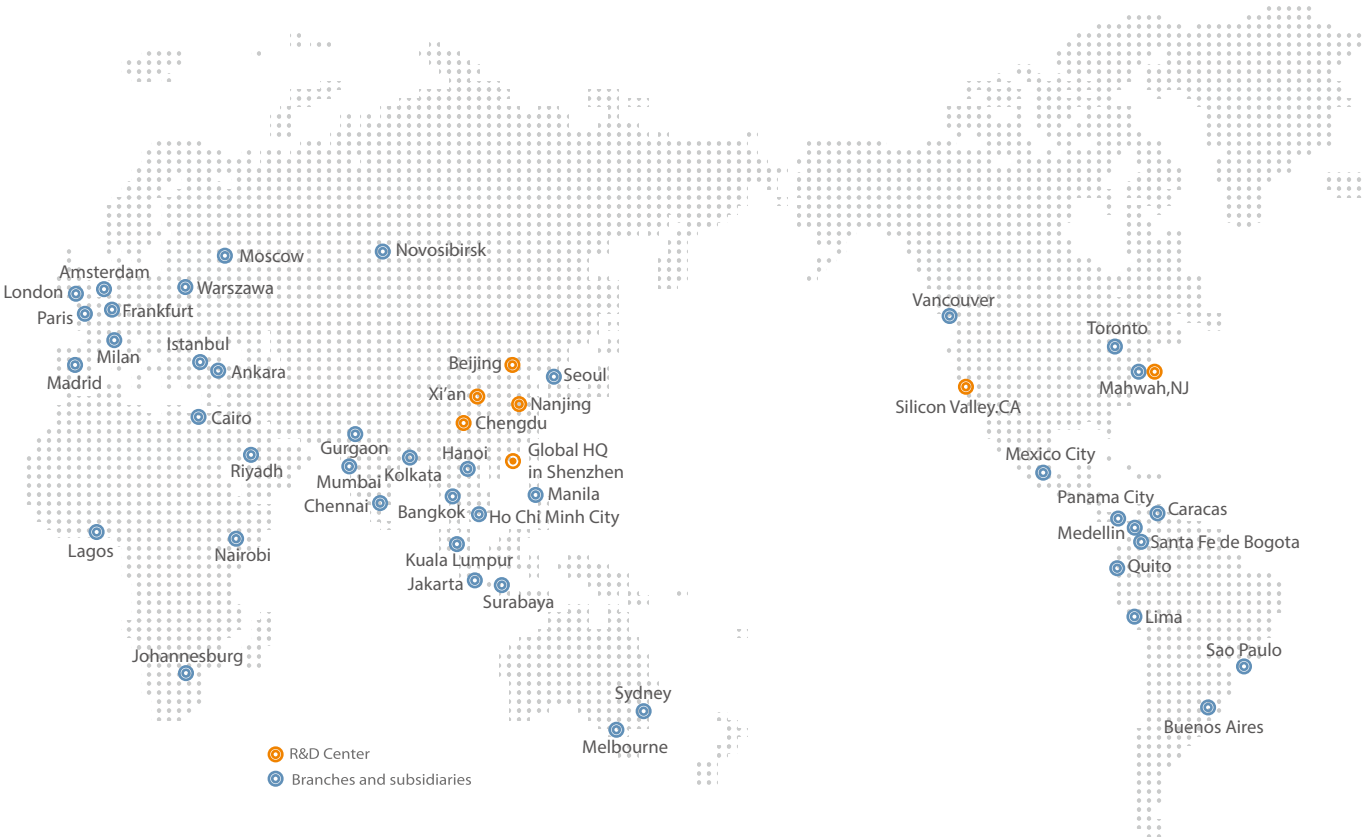
Mindray Medikal Teknoloji Istanbul Ltd. Sti.
KÖYALTİ MEVKİLİ 29 EKİM CAD.N.1 KUYUMÇUKENT 2.NO.PLZ.3.KT.
D.1- 9 34520 BAĞÇELİEVLER/YENİBOSNA, İSTANBUL, TÜRKİYE
Voice: (90-212) 482 08 77
Fax: (90-212) 482 08 78

Mindray Medikal Teknoloji Istanbul Ltd. Sti. Branch Office Ankara
TÜREN GÜNEŞ BULVARI ALEKSANDER DÜBÇEK CAD. NO:18/A
ÇANKAYA/ANKARA, TÜRKİYE
Voice: (90-312) 441 96 92
Fax: (90-312) 441 96 93

Mindray Medical Vietnam Co.,Ltd.
Unit 2, 4th Floor, "B" Building, Broadway Office Park,
102 Nguyen Luong Bang Blvd., Tan Phu Ward, Dist. 7, HCMC, Vietnam
Voice: (84) 8 5413-6970
Fax: (84) 8 5413-6971

Mindray Medical Thailand Limited
1768 Thai summit Tower Room 407, 4th floor, New petchaburee Road,
Kwaeng Bangkok, Khet Huai Khwang, Bangkok 10320, Thailand
Voice: (66) 2652-7288
Fax: (66) 2652-7266

Mindray Medical Korea
KNI Tower 9F 823-19 Yeoksam dong, Seoul-ganum, Korea
Tel: 008225688040
Fax: 008225688042



NEW

WATO EX-65 Pro

Enhanced Precision with new Digital Platform

Since 2006 Mindray has successfully installed over 20,000 units of anesthesia machine to customers all over the globe. We are glad and proud that every few seconds there would be a clinician somewhere on this planet switches on a Mindray anesthesia machine with satisfaction.

For the last decade, Mindray has continued to work closely with clinicians across the globe, to recognize and understand the clinical challenges encountered everyday and overcome them with new innovative and intuitive solutions. With this in mind, Mindray is now proud to bring you the flagship of WATO series, WATO EX-65 Pro.

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 low flow Optimizer makes gas delivery precise and safe low flow possible.

More Visible...

With a 15.1 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 to simplify complicated operation steps.

More Cost Effective...

As a multifunctional anesthesia workstation, WATO EX-65 Pro is designed with cost in mind.

Lower flow becomes possible with Optimizer, which helps reducing the usage of anesthetic agent. The much longer life span flow sensors makes the maintenance much easier.



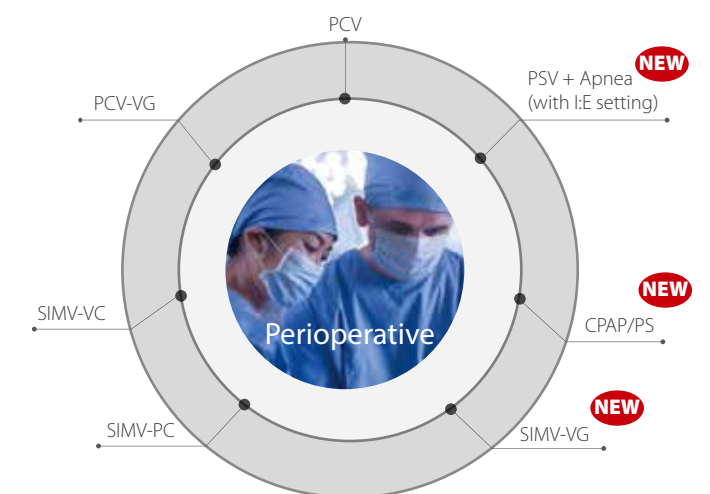
More Precise...



Enjoy maximum performance at all stages of anesthesia

A full range of ICU grade ventilation modes meet your demands through all the stages of anesthesia.

- PCV
- PCV-VG
- SIMV-VC
- SIMV-PC
- SIMV-VG (new)
- PSV + Apnea (with I:E setting) (new)
- CPAP/PS (new)



Modern anesthesia ventilators offer a wide variety of ventilation modes, enabling complex ventilation care for the critically ill patient.

The WATO EX-65 Pro's ventilator has unique Volume Guarantee modes to deliver desired total volume to the patient in PCV and SIMV modes. PCV-VG delivers the desired tidal volume to the patient, offers the benefits of PCV with lowest inspiratory pressure for all breaths, better oxygenation, along with the security of consistent tidal volume.

SIMV-VG delivers a set rate of pressure controlled breaths with a guaranteed volume to the patient. The patient can breathe spontaneously between mandatory breaths. Pressure support can be used to support the spontaneous breaths.



More Precise...

Precise digital gas mixer with safe low flow by Optimizer

The digital gas mixer makes fresh gas flow setting easier and more precise.

The fresh gas flow Optimizer indicates the recommended fresh gas flow setting against your current setting value and the minimum O_2 needed of the patient. It enables a safe low flow and minimize the waste of anesthetic agents and medical gases.



Precise Monitoring

With improved single slot CO_2 module or double slot anesthetic agent capability the Mindray Plug-and-Play Multi-Gas modules provide comprehensive breath-by-breath analysis of FiO_2 , EtO_2 , CO_2 , N_2O , auto-detection of five anesthetic agents, as well as BIS. AA Measurement: The new anesthetic agent calculation software enables you to monitor the real time agent consumption and keeps cost in mind.

Sample Gas return: The monitoring sample gas returns to breathing circuit, it saves the cost for medical gas and anesthetic agent as well as reducing the waste gas.



More Visible...



15.1 inch Touch Screen with Intuitive UI

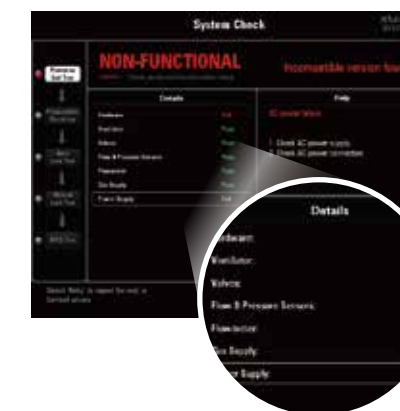
Configured with a high resolution, intuitive, 15.1 inch full color touch-screen users are able to view and configure parameters as required. The intuitive layout and simple flat-menu structure ensure all parameters are clearly displayed and only two steps required for ventilation mode setting.



Visual Self-test

Visualizing the System Self-test procedure with graphs and charts to simplify complicated operation steps.

- Automatic self-test
- Manual leak test with graphic instruction step by step
- Recommended solution for failed step by words and by picture



Smart Alarm

The Smart Alarm providing the real-time graphic information enables urgently correction of the fatal error more quickly.

- Touchable alarm
- More alarm information: access to alarm log
- Alarm limit setting directly from the alarm message
- Picture indication for potential issues





More Cost Effective...

Optimizer saves your anesthetic agent

The low flow Optimizer provides real time guidance for cost effective optimization of fresh gas flow, and thus anesthetic agent. During general inhalation anesthesia, the Optimizer continuously informs users whether the fresh gas flow is too high, appropriate or too low.

The availability of Optimizer results in large reduction in anesthetic consumption, it helps cost savings and reduced environmental pollution.

LOW FLOW

Price

dependent on fresh gas flow

Pollution

operation room, environment

Patient

temperature, humidity

Optimizer



OR number	50
Inhalation anes per year per OR	750
Minute Volume (L/min)	6
Price of Sevo (per ml)	\$0.6

FGF Flow (ml/min)			
5.0	3.0	1.0	0.5

Cost per operation			
\$19.55	\$11.63	\$3.72	\$1.74

Cost per OR per year			
\$14,660.45	\$8,723.50	\$2,786.55	\$1,302.32

Agent & Gas Cost for anesthesia dept.			
\$733,022.38	\$436,175.01	\$139,327.63	\$65,115.79

Why Low Flow?

Why Optimizer can do it Better?

How much Optimizer saves you?

Modular Design

The Plug-and-Play monitoring modules are compatible with Mindray modular patient monitor. The modular design not only saves your cost, but also makes your devices maintenance easier.



Flow Sensors Which Customers Could Calibrate

The flow sensors are always a trouble maker for anesthesia machine user. For every couple of months, the flow sensors shall be changed. Besides that, the flow sensor could easily lose its accuracy, and results the inaccuracy of Tidal Volume, but it could only be calibrated by service technician.

As well as the two flow sensors in the expiration and inspiration ports for dynamic Tidal Volume compensation, WATO EX-65 Pro comes with a built in 3rd flow sensor as a benchmark. The benchmark flow sensor is used to calibrate the flow sensors in the exp & ins ports to make sure the accuracy and expand the life span of the flow sensors tremendously. And the calibration could be operated by customers!

- 3rd benchmark flow sensor
- Customer calibration
- Extended life span

