

The WATO EX-30 & EX-20 Series of anesthesia machines are suitable for general anesthesia in a wide range of operating theatre patients from children to adults. With stable function, advanced safety design, reliable performance and user-friendly interface, the WATO gives clinical users basic monitoring measurements on a colorful LCD screen with up to 3 waveforms, including Paw, TVe, MV, Ppeak, and Pmean, with graphs of pressure and flow at the same time. Except basic ventilation modes, WATO still offers advanced modes such as SIMV applicable for spontaneous breathing of patients. The powerful data review supports 24-hour trends for alarm events. Besides the integrated monitoring parameters, WATO also provides external monitoring covering sidestream of EtCO2.

Features

- Breathing circuit with CO2bypass valve, which supports CO2canister exchange during surgery
- Information message displayed on screen to confirm the correct assembly of a CO2canister
- Information message displayed for the correct assembly of a breathing circuit to provide safety confirmation
- Multi-selectable display on a colorful LCD screen
- Contemporary and ergonomic considerations
- Electronically-controlled and pneumatically-driven ventilator
- VCV, Pressure mode, SIMV and Manual modes
- · Allowing conjunction with up to 2 vaporizers
- On EX-30 and EX-20, minimum TV down to 40mL, making it suitable for patients from pediatric to adult without changing the breathing circuit
- External module for sidestream EtCO2measurement for EX-30
- Meets versatile applications, especially for low-flow anesthesia
- Compatible with Mindray patient monitors with a pre-designed mounting kit



SOMA TECH INTL • 166 HIGHLAND PARK DRIVE • BLOOMFIELD, CT 06002 • USA PHONE: 1.800.GET.SOMA • WWW.SOMATECHNOLOGY.COM • EMAIL: SOMA@SOMATECHNOLOGY.COM

Specifications

Dimensions Height: 1375mm

Width: 710 mm (without breathing circut) 880mm (with breathing circut)

Depth: 620 mm

Weight:<120kg (including trolley base, without vaporizer and cylinder)

Top Shelf Weight limit: 30kg

Length:550mm

Width: 265 mm

Work Surface Height:820mm

width: 500cm Depth: 310mm

DIN Rail Side of Mschine: 320 mm

Drawer-Internal dimensions Height: 240mm

Width: 350mm Depth:275mm

Bag Arm Height: 1030mm

length: 320mm

Connection: ISO 22mm OD, 15mm ID

Screen Display type: color active matrix TFT

Display Size: 7.0 in diogonal Resolution: 800 x 400 Brightness: Disadjustable

Multi-dispay selectable: standard

Display Parameters: All settings and alarm parameters (Breath rate, I/E ratio, tidal volume, minute volume, PEEP, Pmean Ppeak, Pplat and)2 Concentration)

Display Graphics: Waves of Pressure-Time, Flow-Time, Volume-Time, Wave of

Co2 (Optional)

Ventilator Parameter Ranges Tide Volume Range: 40~1500ml (VCV mode)

Incremental settings:20~100ml (increments of 5 ml)

100~300ml (increments of 10ml) 300~1500ml (increments of 25ml)

Pressure (inspired) range: 5~60 cmH₂O

increments of 1 cmH₂O

Rate Range: 4~100bpm increments of 1 bpm (VCV, P-mode)

4~60bpm increments of 1bpm (SIMV)

Inspiratory/Expiratory ratio (I:E) range: 4:1~1:8 increments of 0.5 (VCV, P-

mode)

Inspiratory pause time: OFF, 5~60% of inspiratory time increment of 5%.

Trigger window: 5-90% increments of 5% (SIMV)

Flow Trigger: 0.5~15L/min increments of 0.5L/min (SIMV) Pressure trigger: -20~ -1cmH₂O increments of 5% (SIMV)

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