Ventilation Cockpit
Quick reference guide

End-tidal CO_2
(with CO_2 option)

Resistance

Compliance

Rinsp
7
CmH20/l/s

etCO2
50
mmHg

Cstat
21.3
ml/cmH2O

Bronchial tree

"Normal" lung (reference)

Patient trigger

Real-time lung visualization

CO_2 elimination

Oxygenation

Patient activity

Oxygenation · CO2 Elimination · Spont/Activity

00:36

Timer starts when all values in weaning zone

Weaning zone with user-configurable limits

FiO2	PEEP	ExpMin Vol	Pinsp	RSB	%Spont Rate
30	5	6	7	50	100
%	cmH20	l/min	cmH20	1/(l*min)	%

Numeric values with individual timers

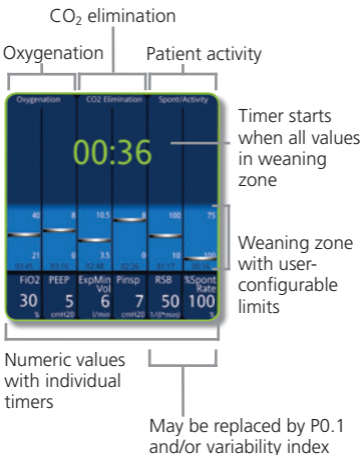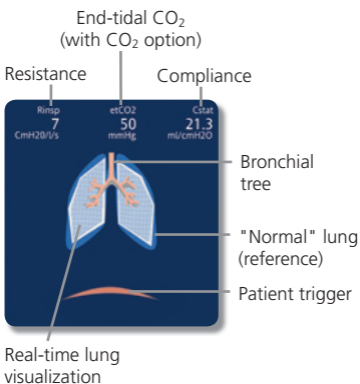May be replaced by P0.1 and/or variability index

HAMILTON MEDICAL

Intelligent Ventilation since 1983

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The Ventilation Cockpit™ integrates all of this data into intuitive graphics that help you answer two essential questions:

- What is my patient's lung condition, and what kind of ventilation do they need?
- When should I take my patient off the ventilator?

Dynamic Lung
Expands and contracts in synchrony with actual breaths. It displays in real-time:

- Tidal volume
- Lung compliance
- Resistance
- Patient activity

Vent Status
Gives a visual representation of 6 parameters related to the patient and ventilatory support, grouped into:

- Oxygenation
- CO_2 elimination
- Patient activity

Dynamic Lung

Normal lung mechanics,
spontaneous activity

Normal lung mechanics,
no spontaneous activity (e.g., post-op)

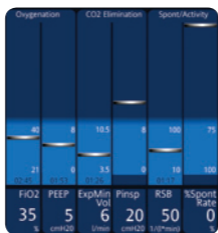Compliant lungs, high resistance
(e.g., COPD), spontaneous activity

Stiff lungs, medium airway resistance
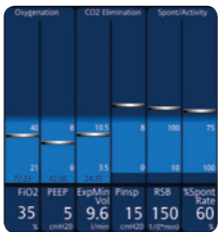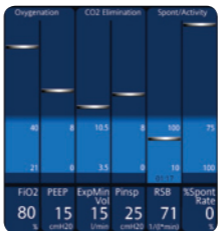(e.g., ARDS)

Vent Status

Minimal ventilatory support
for the past 36 minutes

Ventilatory support needed

Moderate ventilatory support needed

High ventilatory support needed