

Overview of ventilation modes in Critical Care Ventilators and naming used on the different Draeger anaesthesia devices.

Possibly your device does not dispose of all described modes – sometimes they are not ordered in the device-configuration.



Fabius

Mode name ICU ventilator	Mode key name anesthesia device
VC-CMV	Volume Control
PC-CMV	Pressure Control
VC-SIMV/PS	SIMV/PS
SPN-CPAP/PS	Pressure Support*
Not available	Man / Spon

*(with RR setting)

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Primus

Mode name ICU ventilator	Mode key name anaesthesia device	Mode name on screen anaesthesia device
VC-CMV	Vol. mode	Volume
VC-SIMV	(Activate Trigger parameter)	Volume Sync
VC-SIMV/PS	(Activate ΔPS parameter)	Volume Sync PressSupp
VC-CMV AutoFlow	Vol. AF mode	Volume AF
VC-SIMV AutoFlow	(Activate Trigger parameter)	Volume AF Sync
VC-SIMV/PS AutoFlow	(Activate ΔPS parameter)	Volume AF Sync PressSupp
PC-CMV	Press. mode	Pressure
PC-SIMV	(Activate Trigger parameter)	Pressure Sync
PC-SIMV/PS	(Activate ΔPS parameter)	Pressure Sync PressSupp
SPN-CPAP/PS	Press. Supp.	Press. Support*
SPN-CPAP	Press. Supp.	Press. Support CPAP
Not available	Man / Spon	Man. Spont.
Not available	 Symbol (Semi-open circuit)	Ext. Outlet
Not available	Monitor. mode (Standby screen: Soft Key)	Monitoring

*(with RR setting)

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Atlan A300/350

Mode name ICU ventilator	Mode key name anaesthesia device	Mode name on screen anaesthesia device
VC-CMV	VC (selection CMV)	VC-CMV
VC-SIMV	(selection SIMV)	VC-SIMV
VC-SIMV/PS	(Activate PS parameter)	VC-SIMV/PS
VC-CMV AutoFlow	VC-AF (selection CMV)	VC-CMV AF
VC-SIMV AutoFlow	(selection SIMV)	VC-SIMV AF
VC-SIMV/PS AutoFlow	(Activate PS parameter)	VC-SIMV/AF/PS
PC-CMV	PC (selection CMV)	PC-CMV
PC-SIMV	(selection SIMV)	PC-SIMV
PC-SIMV/PS	(Activate PS parameter)	PC-SIMV/PS
SPN-CPAP/PS	PSV	CPAP / PSV*
SPN-CPAP	PSV	CPAP / PSV
Not available	Man / Spon	Manual / Spontaneous
Not available	Ext.FGO	External fresh-gas outlet
Not available	Pause	Pause – no ventilation & gas delivery

*(with RR setting)

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Perseus A500

Mode name ICU ventilator	Mode key name anaesthesia device	Mode name on screen anaesthesia device
VC-CMV	Volume Control (selection Sync. off)	Volume Control - CMV
VC-SIMV	(selection Sync. on)	Volume Control - SIMV
VC-SIMV/PS	(Activate PS parameter)	Volume Control - SIMV/PS
VC-CMV AutoFlow	Vol. Ctrl. AutoFlow (selection Sync. off)	Volume Control - CMV /AF
VC-SIMV AutoFlow	(selection Sync. on)	Volume Control - SIMV /AF
VC-SIMV/PS AutoFlow	(Activate PS parameter)	Volume Control - SIMV/AF/PS
PC-CMV	Pressure Control (selection Sync. off)	Pressure Control - CMV
PC-BIPAP	(selection Sync. on)	Pressure Control - BIPAP
PC-BIPAP/PS	(Activate PS parameter)	Pressure Control - BIPAP/PS
PC-APRV	Press. Ctrl. APRV	Pressure Control - APRV
SPN-CPAP/PS	Pressure Support	CPAP / Pressure Support*
SPN-CPAP	Pressure Support (setting ΔP_{supp} =Off)	CPAP / Pressure Support
Not available	MAN/SPON	Manual / Spontaneous
Not available	Ext.FG Outlet	External fresh-gas outlet
Not available	Pause	Pause – no ventilation & gasdelivery

*(with RR setting)

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Zeus IE

Mode name ICU ventilator	Mode key name anaesthesia device	Mode name on screen anaesthesia device
VC-CMV	Volume Control (selection Sync. off)	Volume Control - CMV
VC-CMV AutoFlow	Vol. Ctrl. AutoFlow (selection Sync. off)	Volume Control - CMV - AF
VC-SIMV AutoFlow	(selection Sync. on)	Volume Control - SIMV - AF
VC-SIMV/PS AutoFlow	(Activate PS parameter)	Volume Control – SIMV – AF - PS
PC-CMV	Pressure Control (selection Sync. off)	Pressure Control - CMV
PC-BIPAP	(selection Sync. on)	Pressure Control - BIPAP
PC-BIPAP/PS	(Activate PS parameter)	Pressure Control – BIPAP - PS
SPN-CPAP/PS	Pressure Support	Pressure Support – CPAP *
SPN-CPAP	Pressure Support (setting $\Delta P_{supp} = \text{Off}$)	Pressure Support CPAP
Not available	SVC	Smart Ventilation Control
Not available	MAN/SPON	MAN/SPON
Not available	External FG outlet	External fresh-gas outlet
Not available	Pause	Pause – no ventilation

*(with RR setting)

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