

```

#
# 人工呼吸器:新Hamilton PlatformC: C1/C2/C3/T1
#           PlatformG: G5/S1
#
# <<< 測定データ/定期データ専用 >>> for GAIA
#
# ◆フィールド詳細 x:新ハミルトンでは使用なし
# 1)パラメータ記号
# 2)rawラベル
# 3)rawラベル
# 4)proパラメータ
# (4.1) 処理モード
# 0:未使用
# 1:数値 :「<x.x>」
# 2:文字 :「<aaa>」
# x3:IE比 :「1:<x.x> or <x.x>:1」
# x4:処理1 : OFF/ON「0->not active 1->active」
# x5:処理3 : OFF/ON「0->not active 2->CO2 low/high」
# 9:処理2 : 日付(YYYY/MM/DD)+時刻(HHhMMmSSs)編集 (yyyy/mm/dd 99h99m99s)
# x10:IE比 : 測定値「I」をセット
# x11:IE比 : 測定値「E」をセット
# x12:IE比 : 設定値「I」をセット
# x13:IE比 : 設定値「E」をセット
# 14:テーブル変換処理<新規追加>
# 15:略名を完全名称変換処理<新規追加>
# 16:Active Alarm UTF16->UTF8変換処理<新規追加>
# 17:Active Alarm UTF16->EUC変換処理<新規追加>
# 18:Active Alarm編集 HHhMMm code(6)
#
# (4.2) Parameter Identifiers
#       GroupID^ParamID 例)0x50^0x21 新規作成
#
# (4.3) Machine Identifiers
# xAD:Amadeus
# xG5:Hamilton G5/S1
# xC2:Hamilton C2/C1
# xGL:Galileo
# xRP:Rapheal
# xAL:<ALL Machine>
# PG:PlatformG 新規追加
# PC:PlatformC 新規追加
# GC:PlatformG/PlatformC 新規追加
#
# x(4.4) Data Lengs 新ハミルトンでは、未使用
#
# (4.5) 四捨五入モード
# 0:Normal
# x1:precision 小数点第一位で四捨五入(xx.x -> xx)
#       scm[i].level=0.1, scm[i].form =%.0f
# x2:precision 小数点第二位で四捨五入(xx.xx -> xx.x)
#       scm[i].level=0.01, scm[i].form =%.1f
# x3:precision 小数点第三位で四捨五入(xx.xxx -> xx.xx)
#       scm[i].level=0.001, scm[i].form =%.2f
#
# (4.6) 倍率
# 1: 1倍(等価)
# 10: 10倍
# 100: 100倍
# 0.1: 1/10倍(小数点第一位)
# 0.01: 1/100倍(小数点第二位)
# 0.001: 1/1000倍(小数点第三位)
#
# (4.7) 変動監視フラグ 新規作成
# 0:監視なし 1:監視あり
#
# 5) 単位(編集後)
# 6) 特定単位種別番号
# 7) データ書式
# 8) アラーム設定(下限)有効フラグ
# 9) アラーム設定(上限)有効フラグ
# 10) 無効値
# 11) パラメータオプションフラグ
# 12) 表示用情報-表示色名識別子1
# 13) 表示用情報-表示色名識別子2
# 14) 未使用
# 15) 未使用
#
# 2016.11.10 KOHEI RS232-external-communication-block-protocol-en-950039-v1.18.pdf対応版
# PlatformGのパラメータをコメントアウト

```

項目名	単位	
# 3.4.1 Identifications (Group Id 0x40)		
● Model		#
● SerialNo		#
● VentLang		#
# 3.4.2 SW-Versions (Group Id 0x41)		
● ProtocolVer		#
● SWver1		#
● ReservedVer		#
# 3.4.3 Date and Time (Group Id 0x42)		
● TimeSec	sec	#
● TimeMin	min	#
● TimeHour	hour	#
● TimeDay	day	#
● TimeMonth	month	#

```

# Instrument Model
# Serial Number
# Ventilator Language
# Protocol Version
# Software Version 1
# Reserved Version
# Time.second
# Time.minute
# Time.hour
# Time.day
# Time.month

```

● TimeYear	year	#	# Time.year
● SystemTime		#	# -- System Time (yyyy/mm/dd 99h99m99s)
# 3.4.4 Monitored Parameters (Group Id 0x50)			
● Ppeak	cmH2O	#	# P max
● Pplateau	cmH2O	#	# P Plateau
● Pmean	cmH2O	#	# P mean
● PEEP	cmH2O	#	# PEEP/CPAP
● AutoPEEP	cmH2O	#	# AutoPEEP
● P0.1	cmH2O	#	# P0.1
● PTP	cmH2O*s	#	# PTP
● InspFlow	L/min	#	# Insp. Flow
● ExpFlow	L/min	#	# Exp Flow
● VTI	mL	#	# Insp. Volume
● VTE	mL	#	# Exp. Volume
● VTESpont	mL	#	# VT Exp spont
● ExpMinVol	L/min	#	# Vexp/min
● MVSpont	L/min	#	# MV Spont
● fTotal	b/min	#	# f total
● fSpont	b/min	#	# f spont
● TI	s	#	# Insp. time
● TE	s	#	# t Exp Pat
● IE		#	# I
● Rinsp	cmH2O/L/s	#	# R insp
● Cstat	mL/cmH2O	#	# Compliance
● RCexp	s	#	# RCexp
● RSB	1/(L*min)	#	# RSB
● VT_IBW	mL/kg	#	# VT/IBW
● VLeak%	%	#	# VLeak (%)
● Oxygen	%	#	# Oxygen
● Pinsp	cmH2O	#	# P insp
● VDaw	mL	#	# VDaw
● slopeCO2	%CO2/L	#	# slopeCO2
● Vtalv	mL	#	# Vtalv
● Valv	L/min	#	# V' alv
● VDawVTE	%	#	# VDaw/VTE
● PetCO2	mmHg	#	# PetCO2
● FetCO2	%	#	# FetCO2
● VeCO2	mL	#	# VeCO2
● ViCO2	mL	#	# ViCO2
● VCO2	mL/min	#	# V' CO2
● Pulse	1/min	# <C approved soon>	# Pulse
● SpO2	%	# <C approved soon>	# SpO2
● SpO2FiO2	%	# <C approved soon>	# SpO2/FiO2
● QISpO2	%	# <C approved soon>	# QI-SpO2
● QIPulse	%	# <C approved soon>	# QI-Pulse
● PetCO2 kPa	kPa	# <C approved soon>	# PetCO2 kPa
● BrethTime	min	# <C approved soon>	# Patient Breathing Time
● MVLeak	L/min	#	# MV Leak
● Thum	cel	# <GC approved soon>	# HPC Temperatur
● Typiece	cel	# <GC approved soon>	# HPC Temperatur ypiece
● Rate_10	1/min	#	# Rate 10min
● PetCO2_10	mmHg	#	# PetCO2 10min
● PetCO2_10 kPa	kPa	#	# PetCO2 10min
# 3.4.5 Special Monitored Parameters (Group Id 0x51)			
● VtiProx	mL	# <no display>	# Vtproxininsp
● VtiServo	mL	# <no display>	# Vti servo in insp
# 3.4.6 Controller State (Group Id 0x52)			
● SpO2emgLmt	%	# <for INTELLIVENT> <C approved soon>	# SpO2emergencyLimit
● SpO2incLmt	%	# <for INTELLIVENT> <C approved soon>	# SpO2increaseLimit
● SpO2decLmt	%	# <for INTELLIVENT> <C approved soon>	# SpO2decreaseLimit
● PEFIOSincFiO2	%	# <for INTELLIVENT> <C approved soon>	# PEFIOSincreaseFiO2Target
● PEFIOSdecFiO2	%	# <for INTELLIVENT> <C approved soon>	# PEFIOSdecreaseFiO2Target
● CO2incLmt	mmHg	# <for INTELLIVENT> <C approved soon>	# CO2increaseLimit
● CO2decLmt	mmHg	# <for INTELLIVENT> <C approved soon>	# CO2decreaseLimit
● fSpontInclmt	b/min	# <for INTELLIVENT> <C approved soon>	# fSpontincreaseLimit
● fSpontDecLmt	b/min	# <for INTELLIVENT> <C approved soon>	# fSpontdecreaseLimit
● MV%min	%	# <for INTELLIVENT> <C approved soon>	# MV%min(SafetyLimit)
● MV%max	%	# <for INTELLIVENT> <C approved soon>	# MV%max(SafetyLimit)
● Recruit		# <for INTELLIVENT> <C approved soon>	# Recruitmentactive
● Patient		# <for INTELLIVENT> <C approved soon>	# Patientisactive(PSS/activepatientcontrollerisusediffMV%)
● SBTrunning		# <for INTELLIVENT> <C approved soon>	# SBTrunning
● SpO2TgtS	%	# <for INTELLIVENT> <C approved soon>	# SpO2TargetShift
● CO2TgtS mmHg	mmHg	# <for INTELLIVENT> <C approved soon>	# CO2TargetShiftmmHg
● CO2TgtS kPa	kPa	# <for INTELLIVENT> <C approved soon>	# CO2TargetShiftkPa
● CPSS		# <for INTELLIVENT> <C approved soon>	# VentControllerPSS/activepatientcontrollerisactive
● NextOxy	%	# <for INTELLIVENT> <C approved soon>	# NextOxygen ->PlatformC
● NextOxyDelay	s	# <for INTELLIVENT> <C approved soon>	# NextOxygenDelay ->PlatformC
● NextPEEP	mmHg	# <for INTELLIVENT> <C approved soon>	# NextPEEP ->PlatformC
● NextPEEPDelay	s	# <for INTELLIVENT> <C approved soon>	# NextPEEPDelay ->PlatformC
● OxyFrozen		# <for INTELLIVENT> <C approved soon>	# OxygenFrozen ->PlatformC
● PEEPFrozen		# <for INTELLIVENT> <C approved soon>	# PEEPFrozen ->PlatformC
● PerMVFrozen		# <for INTELLIVENT> <C approved soon>	# PercentageMVFrozen ->PlatformC
● RecDuration	s	# <for INTELLIVENT> <C approved soon>	# RecruitmentDuration ->PlatformC
● RecPlanned		# <for INTELLIVENT> <C approved soon>	# RecruitmentPlanned ->PlatformC
● RecPreparing		# <for INTELLIVENT> <C approved soon>	# RecruitmentPreparing ->PlatformC
● RecRunning		# <for INTELLIVENT> <C approved soon>	# RecruitmentRunning ->PlatformC
● RecRunningH		# <for INTELLIVENT> <C approved soon>	# RecruitmentRunningHighPhase ->PlatformC
● TreatActOxy		# <for INTELLIVENT> <C approved soon>	# TreatmentActionOxygenation ->PlatformC
● TreatActVent		# <for INTELLIVENT> <C approved soon>	# TreatmentActionVentilation ->PlatformC
● CtrlPEEP_L	cmH2O	# <for INTELLIVENT> <C approved soon>	# ControllerPEEPLimitLow ->PlatformC
● CtrlPEEP_H	cmH2O	# <for INTELLIVENT> <C approved soon>	# ControllerPEEPLimitHigh ->PlatformC
● ManualStart		# <for INTELLIVENT> <C approved soon>	# ManualStartAllowed ->PlatformC
● PlanNextStart	s	# <for INTELLIVENT> <C approved soon>	# PlannedNextStart ->PlatformC
● StartCfullTm	s	# <for INTELLIVENT> <C approved soon>	# StartConditionsFulfilledTimer ->PlatformC
● StartingState		# <for INTELLIVENT> <C approved soon>	# StartingState ->PlatformC

E ratio (I E)

# 3.4.7 Special State (Group Id 0x53)			
● PVToolRunning		#	# P/VToolRunning
# 3.4.8 Active Alarms (Group Id 0x60)			
● Silence		#	# Silence
● ActiveAlm		#	# ActiveAlarms
# 以下は特別			
● ActiveAlm01		#	# ActiveAlarms01
● ActiveAlm02		#	# ActiveAlarms02
● ActiveAlm03		#	# ActiveAlarms03
● ActiveAlm04		#	# ActiveAlarms04
● ActiveAlm05		#	# ActiveAlarms05
● ActiveAlm06		#	# ActiveAlarms06
● ActiveAlm07		#	# ActiveAlarms07
● ActiveAlm08		#	# ActiveAlarms08
● ActiveAlm09		#	# ActiveAlarms09
● ActiveAlm10		#	# ActiveAlarms10
● ActiveAlm11		#	# ActiveAlarms11
● ActiveAlm12		#	# ActiveAlarms12
● ActiveAlm13		#	# ActiveAlarms13
● ActiveAlm14		#	# ActiveAlarms14
● ActiveAlm15		#	# ActiveAlarms15
● ActiveAlm16		#	# ActiveAlarms16
● ActiveAlm17		#	# ActiveAlarms17
● ActiveAlm18		#	# ActiveAlarms18
● ActiveAlm19		#	# ActiveAlarms19
● ActiveAlm20		#	# ActiveAlarms20
# 3.4.11 Control Settings (Group Id 0x70)			
● sModeID		# <G->15,16,20 C->3,4,15,17,18,19,20 unapproved	# ModeId
● sMode		#	# ModeName
● sApBackup		#	# ApneaBackupVentilation
● sStandby		#	# Standby
● sRate	b/min	#	# Rate
● sVT	mL	#	# TidalVolume
● sPauseTime	%	#	# PauseTime
● sFlowPat		#	# FlowPattern
● sPressTrig	cmH2O22	#	# PressureTrigger
● sPEEP	cmH2O	#	# PEEP/CPAP
● sPlow	cmH2O	#	# Plow
● sPSupport	cmH2O	#	# PressureSupport
● sFIO2	%	#	# Oxygen
● sASV	L/min	#	# ASVMV
● sPASV_Lmt	cmH2O	#	# Plimit(ASV)
● sVTsp	mL	#	# VTSetPoint
● sRRsp	b/min	#	# RRSetPoint
● sRRimv	b/min	#	# RRimv
● sPinsp	cmH2O	#	# Pinsp
● sP_Control	cmH2O	#	# PControl
● sPhigh	cmH2O	#	# Phigh
● sTrig		#	# Trigger
● sFlowTrig	l/min	#	# Flowtrigger
● sIE		#	# I
● sPeakFlow	L/min	#	# PeakFlow
● sPawPaux		#	# PaworPaux
● sETS	%	#	# ETS
● sRamp	Ms	#	# Ramp
● sBodyWt	Kg	#	# BodyWt(IBW)
● sMinVol	%	#	# %MinVol
● sTlow	s	#	# Tlow
● sVTkg	mL/Kg	#	# VT/kg
● sThigh	s	#	# Thigh
● sTlMax	s	#	# TlMax
● sTi	s	#	# Ti
● sTip	s	#	# Tip
● sPatGender		# <C->0 only C2/C3	# PatientGender
● sPatGroup		#	# PatientGroup
● sPatHeight	cm	#	# Patientheight
● sARDS		# <for INTELLIVENT> <C approved soon>	# ARDS
● sCOPD		# <for INTELLIVENT> <C approved soon>	# COPD
● sBrainInj		# <for INTELLIVENT> <C approved soon>	# Braininjury
● sHemo		# <for INTELLIVENT> <C approved soon>	# Hemodunstable(obsolete) ->No Platform
● sPneumo		# <for INTELLIVENT> <C approved soon>	# PneumoThorax(obsolete) ->No Platform
● sQuickWean		# <for INTELLIVENT> <C approved soon>	# QuickWean
● sGasSource		#	# GasSource
● sTRC		# <C approved soon>	# TRC
● sTubeSize	mm	# <C approved soon>	# Tubediameter
● sCompensate	%	# <C approved soon>	# Compensation
● sBaseflow	L/min	#	# Baseflow ->No Platform
● sSighAct		#	# Sighactivation
● sAutoRecMane		# <for INTELLIVENT> <C approved soon>	# AutomaticRecruitmentManeuver
● sUpPEEPLmt	cmH2O	# <for INTELLIVENT> <C approved soon>	# UpperPEEPlimit
● sLoPEEPLmt	cmH2O	# <for INTELLIVENT> <C approved soon>	# LowerPEEPlimit
● sDyshaemo		# <G approved soon>	# Dyshaemoglobin(obsolete) ->No Platform
● sSpO2Sensor		#	# SpO2SensorType
● sSpO2almDelay		# <C approved soon>	# SpO2alarmdelay
● sVentCtrlSts		# <for INTELLIVENT> <C approved soon>	# VentControllermanualstatus
● sPEEPCtrlSts		# <for INTELLIVENT> <C approved soon>	# PEEPControllermanualstatus
● sFIO2CtrlSts		# <for INTELLIVENT> <C approved soon>	# FIO2Controllermanualstatus
● sASV+aktiv		#	# ASV+aktiv(obsolete) ->No Platform
● sASV+VTIBW	mL/kg	#	# ASV+VT/IBW(obsolete) ->No Platform
● sASV+VTMax		#	# ASV+VTMaxenable(dobsolete) ->No Platform
● sASV+PsMV0	cmH2O	#	# ASV+PsupMV0(obsolete) ->No Platform
● sASV+PsMV100	cmH2O	#	# ASV+PsupMV100(obsolete) ->No Platform
● sASV+PsMV200	cmH2O	#	# ASV+PsupMV200(obsolete) ->No Platform
● sASV+PsMV350	cmH2O	#	# ASV+PsupMV350(obsolete) ->No Platform
● sASV+TiMax	s	#	# ASV+TiMax(obsolete) ->No Platform

● sApBackupSet		#	# ApneaBackupSetting
● sFlow	L/min	#	# Flow
● sSpeakValve	%	#	# SpeakingValve ->PlatformC
# 3.4.12 Alarm Lmts Settings (Group Id 0x71)			
● sPress_L	cmH2O	#	# LowPressure
● sPress_H	cmH2O	#	# HighPressure
● sMVe_L	L/min	#	# LowExpMinVol
● sMVe_H	L/min	#	# HighExpMinVol
● sRate_L	b/min	#	# LowRate
● sRate_H	b/min	#	# HighRate
● sVT_L	mL	#	# VTlow
● sVT_H	mL	#	# VThigh
● sLeak	%	#	# Leak
● sApneaTime	s	#	# Apneatime
● sPetCO2_L	mmHg	#	# LowPetCO2
● sPetCO2_H	mmHg	#	# HighPetCO2
● sSpO2_L	%	# <C approved soon>	# LowSpO2
● sSpO2_H	%	# <C approved soon>	# HighSpO2
● sOxy_L	%	#	# LowOxygen
● sOxy_H	%	#	# HighOxygen
● sPulse_L	1/min	# <C approved soon>	# LowPulse
● sPulse_H	1/min	# <C approved soon>	# HighPulse
# 3.4.13 GUI Unit Settings (Group Id 0x72)			
● sUnitCO2press		#	# UnitCO2pressure
● sUnitLength		#	# Unitlength
# 3.3.14 Quick Wean Settings (Group Id 0x73)			
● qQuickWean		# <for INTELLIVENT> <C approved soon>	# QuickWean
● qSaPEEP	cmH2O	# <for INTELLIVENT> <C approved soon>	# TostartSBTAdult-PEEP
● qSaOxy	%	# <for INTELLIVENT> <C approved soon>	# TostartSBTAdult-Oxygen
● qSaVTEIBW	mL/kg	# <for INTELLIVENT> <C approved soon>	# TostartSBTAdult-VTE/IBW
● qSaDelay	s	# <for INTELLIVENT> <C approved soon>	# TostartSBTAdult-Delaytime/
● qSaRSBi	1/(L*min)	# <for INTELLIVENT> <C approved soon>	# TostartSBTAdult-RSBI
● q aPEEP	cmH2O	# <for INTELLIVENT> <C approved soon>	# SBTsettingsAdult-PEEP
● q aMV	%	# <for INTELLIVENT> <C approved soon>	# SBTsettingsAdult-%MinVol
● qAaRate	%	# <for INTELLIVENT> <C approved soon>	# ToabortSBTAdult-Rateinc
● qAaOxy	%	# <for INTELLIVENT> <C approved soon>	# ToabortSBTAdult-Oxygen
● qAaPetCO2	mmHg	# <for INTELLIVENT> <C approved soon>	# ToabortSBTAdult-PetCO2inc
● qAaPetCO2_kPa	kPa	# <for INTELLIVENT> <C approved soon>	# ToabortSBTAdult-PetCO2inckPa
● qAaToITime	s	# <for INTELLIVENT> <C approved soon>	# ToabortSBTAdult-Tolerancetime
● qAaMaxDur	min	# <for INTELLIVENT> <C approved soon>	# ToabortSBTAdult-MaxDuration
● qSpPEEP	cmH2O	# <for INTELLIVENT> <C approved soon>	# TostartSBTPediatric-PEEP
● qSpOxy	%	# <for INTELLIVENT> <C approved soon>	# TostartSBTPediatric-Oxygen
● qSpVTEIBW	mL/kg	# <for INTELLIVENT> <C approved soon>	# TostartSBTPediatric-VTE/IBW
● qSpDelay	s	# <for INTELLIVENT> <C approved soon>	# TostartSBTPediatric-Delaytime/
● q pPEEP	cmH2O	# <for INTELLIVENT> <C approved soon>	# SBTsettingsPediatric-PEEP
● q pMV	%	# <for INTELLIVENT> <C approved soon>	# SBTsettingsPediatric-%MinVol
● qApRate	%	# <for INTELLIVENT> <C approved soon>	# ToabortSBTPediatric-Rateinc
● qApOxy	%	# <for INTELLIVENT> <C approved soon>	# ToabortSBTPediatric-Oxygen
● qApPetCO2	mmHg	# <for INTELLIVENT> <C approved soon>	# ToabortSBTPediatric-PetCO2inc
● qApPetCO2_kPa	kPa	# <for INTELLIVENT> <C approved soon>	# ToabortSBTPediatric-PetCO2inckPa
● qApToITime	s	# <for INTELLIVENT> <C approved soon>	# ToabortSBTPediatric-Tolerancetime
● qApMaxDur	min	# <for INTELLIVENT> <C approved soon>	# ToabortSBTPediatric-MaxDuration
● qCfBefore	min	# <for INTELLIVENT> <C approved soon>	# SBTConf-BeforestartingSBT
● qCfBetween	min	# <for INTELLIVENT> <C approved soon>	# SBTConf-Between2SBT's
● qCfRate	1/min	# <for INTELLIVENT> <C approved soon>	# SBTConf-Rate
● qCfPress	mbar	# <for INTELLIVENT> <C approved soon>	# SBTConf-Pressure
● qAfter	min	# <for INTELLIVENT> <C approved soon>	# SBTTiming-Startallowedaftertimeofday
● qBefore	min	# <for INTELLIVENT> <C approved soon>	# SBTTiming-Startallowedebeforetimeofday
● qAutoSBT		# <for INTELLIVENT> <C approved soon>	# AutoSBT ->PlatformC

Screen/Displayed parameters

Screen/Displayed parameters			
Home Screen	Waveforms	FLOW	FLOW波形
		Paw	Paw波形
		VOL	VOLUME波形
		CO2	CO2波形
		LOOPS(PV or FV or PF)	呼吸ループ
	Numerics	<Measuring numerics>	
		Ppeak	最高気道内圧
		Pmean	平均気道内圧
		PEEP	呼吸終末陽圧
		TVe	呼吸一回換気量 呼吸一回換気量 (10倍精度) .mL
		MV	分時換気量 分時換気量 (10倍精度) .mL
		RR	呼吸回数
		O2(I) or O2	吸入酸素濃度
		Pplat	呼吸終末圧
		Pmin	最低気道内圧
		MVspo	自発呼吸の分時換気量 自発呼吸の分時換気量 (10倍精度) .mL
		RRspo	自発呼吸数
		C	コンプライアンス
		R	気道抵抗
		<Setting numerics>	
		set O2(I) or O2	吸入酸素濃度の設定値
		set Pmax	コントロール圧の設定値
		set PEEP	呼吸終末陽圧の設定値
		set MV	分時換気量の設定値
		set %MV	%分時換気量の設定値
set TVi	呼吸一回換気量の設定値 呼吸一回換気量の設定値 (10倍精度) .mL		
set %Ti	%吸気時間の設定値		
set I:E	I:E比の設定値		
set RR	呼吸回数の設定値		
VENT Window	Waveforms	FLOW	FLOW波形
		Paw	Paw波形
		VOL	VOLUME波形
		CO2	CO2波形
		LOOPS(PV or FV or PF)	呼吸ループ
	Numerics	<Measuring numerics>	
		Ventilator mode	換気モード
		Ppeak	最高気道内圧
		Pplat	呼吸終末圧
		Pmean	平均気道内圧
		PEEP	呼吸終末陽圧
		Pmin	最低気道内圧
		Auto PEEP	自動呼吸終末陽圧
		P0.1	気道閉塞圧
		PTP	吸気圧力時間積
		FLOW(I)	吸気流量
		FLOW(E)	呼気流量
		TVi	呼吸一回換気量
		TVe	呼吸一回換気量 呼吸一回換気量 (10倍精度) .mL
		TVspo	呼吸自発一回換気量
		CO2(E)/ETCO2	呼吸終末期CO2分圧
		O2(I) or O2	吸入酸素濃度
		TEMP(Airway)	気道内温度
		C	コンプライアンス
		R	気道抵抗
RR	呼吸回数		
RRspo	自発呼吸数		
Ti	吸気時間		
Te	呼気時間		
I:E	I:E比		
Ri	吸気気道抵抗		
RCe	呼気時定数		
RCi	吸気時定数		
LEAK	リーク量		
Pi	吸気圧		
Var(Variability) Index	変動指数		
WOB	呼吸仕事量		
MV	分時換気量 分時換気量 (10倍精度) .mL		
MVspo	自発呼吸の分時換気量 自発呼吸の分時換気量 (10倍精度) .mL		

SpO2	SpO2値
HLL	Heart Lung Index
PR	脈拍数
<Setting numerics>	
set Pmax	コントロール圧の設定値
set SP	プレッシャーサポートの設定値
set PEEP	呼気終末陽圧の設定値
set MV	分時換気量の設定値
set %MV	%分時換気量の設定値
set TVi	吸気一回換気量の設定値
set FLOW	吸気一回換気量の設定値 (10倍精度):mL
set RR	吸入流速の設定値
set I:E	呼吸回数設定値
set %Ti	I:E比の設定値
set Rise	%吸気時間の設定値
set ETS	吸気立ち上がり時間の設定値
set O2(I) or O2	呼気トリガ感度の設定値
set TRIGGER	吸入酸素濃度の設定値
set TRIGGER Press	トリガ設定の設定値
set IBW	圧トリガ設定の設定値
set Freq. IMV	体重(理想体重)の設定値
set Intermittent PEEP	呼吸回数(IMV)の設定値
set IPAP	呼吸回数(IPPV)の設定値
set EPAP	間欠的呼気終末陽圧の設定値
set Ti	吸気気道陽圧の設定値
alm ETCO2 HIGH	呼気気道陽圧の設定値
alm ETCO2 LOW	ETCO2のアラーム上限設定値
alm RR	ETCO2のアラーム下限設定値
alm MV HIGH	呼吸回数アラーム設定値
alm MV LOW	分時換気量アラーム上限設定値
alm Ppeak	分時換気量アラーム上限設定値(10倍精度):mL
	分時換気量アラーム下限設定値
	分時換気量アラーム下限設定値(10倍精度):mL
	最高気道内圧アラーム設定値

Servo-U取込項目

項目名	単位	表示形式	備考
RR	bpm	整数	# 100 Measured breath frequency
VT _e	mL	数值(小数第一)	# 101 Exp.Tidal Volume(0001,0002)
VT _i	mL	数值(小数第一)	# 102 Insp.Tidal Volume(0001,0002)
MV _i	L/min	数值(小数第二)	# 103 Insp.Minute Volume(0001,0002)
MV _e	L/min	数值(小数第二)	# 104 Exp.Minute Volume(0001,0002)
P _{peak}	cmH ₂ O	整数	# 105 Peak Airway Pressure(0001,0002)
P _{mean}	cmH ₂ O	整数	# 106 Mean Airway Pressure(0001,0002)
P _{plat}	cmH ₂ O	整数	# 107 Pause Press.(0001,002)
PEEP	cmH ₂ O	数值(小数第一)	# 108 End exp.Press(0001,0002)
O ₂ conc	%	整数	# 109 O ₂ concentration(0001,0002)
BarPress	mbar	整数	# 110 Barometric pressure(0001,0002)
GasAir	mbar	整数	# 111 Gas supply pressure, Air(0001,0002)
GasO ₂	mbar	整数	# 112 Gas supply pressure, O ₂ (0001,0002)
VT _{CO₂}	mL	数值(小数第一)	# 113 CO ₂ tidal production(0001,0002)
etCO ₂ %	%	数值(小数第一)	# 114 End tidal CO ₂ concentration (%)(0001,0002)
etCO ₂ mmHg	mmHg	整数	# 115 End tidal CO ₂ concentration (mmHg)(0001,0002)
etCO ₂ kPa	kPa	数值(小数第一)	# 116 End tidal CO ₂ concentration (kPa)(0001,0002)
V _{CO₂}	mL/min	整数	# 117 CO ₂ minute production(0001,0002)
Re	cmH ₂ O/L/s	整数	# 118 Exp. Resistance
C _{static}	mL/cmH ₂ O	数值(小数第一)	# 119 Static Compliance
Flow _{ee}	mL/s	数值(小数第二)	# 120 End exp. Flow
R _i	cmH ₂ O/L/s	整数	# 121 Insp. Resistance
IE		数值(小数第一)	# 122 IE Ratio
T _i	sec	数值(小数第二)	# 123 T _i (Insufflation time)
C _{dyn}	mL/cmH ₂ O	数值(小数第一)	# 124 C _{dyn} i in Open Lung Tool
Dyn	mL/cmH ₂ O	数值(小数第一)	# 125 Dynamic Characteristics
Leakage	%	整数	# 126 Leakage fraction
E	cmH ₂ O/L	整数	# 127 Elastance
T _i /T _{tot}		数值(小数第二)	# 128 T _i /T _{tot}
PEEP _{tot}	cmH ₂ O	数值(小数第一)	# 129 Total PEEP
RR _{sp}	bpm	数值(小数第一)	# 130 Spontaneous Breath frequency
MV _{esp}	L/min	数值(小数第二)	# 131 MV _e spont
MV _{esp} /MV _e		数值(小数第一)	# 132 MV _e spont/MV _e in Bi-Vent/APRV
T _c	sec	数值(小数第二)	# 133 Time constant
WOB _{vent}	Joule/L	数值(小数第二)	# 134 Work of Breathing, Ventilator
WOB _{pat}	Joule/L	数值(小数第二)	# 135 Work of Breathing, Patient
CPAP	cmH ₂ O	数值(小数第一)	# 136 CPAP
P01	cmH ₂ O	数值(小数第一)	# 137 P01
Edi _{peak}	uv	整数	# 138 Edi peak
Edi _{min}	uv	整数	# 139 Edi min
InspTrig		文字列	# 140 Insp. Trigger cause
CycleOff		文字列	# 141 Cycle off cause
ExpTrig		文字列	# 142 Exp. Trigger cause
SBI	bpm/L	整数	# 143 Shallow Breathing Index (SBI)
RemTime	min	整数	# 144 Remaining Nebulization time
VT_PBW	mL/kg	数值(小数第一)	# 145 VT _e /Predicted Body Weight

V500 取込項目

項目名	単位	表示形式	備考
MVe	L/min	数值(小数第二)	03H Expiratory minute volume, MVe
MVi	L/min	数值(小数第二)	06H Inspiratory minute volume, MVi
C	L/bar	数值(小数第一)	07H Dynamic compliance, Cdyn
R	mbar/L/s	数值(小数第一)	08H Resistance, R
VCO2	mL/min	数值(小数第二)	09H CO2 production, V'CO2
MVespon	L/min	数值(小数第二)	0AH Spontaneous expiratory minute volume, MVespon
Rpat	mbar/L/s	数值(小数第一)	0BH Patient airway resistance, Rpat
MVemand	L/min	数值(小数第二)	0DH Mandatory expiratory minute volume, MVemand
CO2slp_mmHg	mmHg/L	数值(小数第一)	0EH Increase of measured CO2 value in phase III of the capnogram, CO2 slope
CO2slp_kPa	kPa/L	数值(小数第一)	10H Increase of measured CO2 value in phase III of the capnogram, CO2 slope
CO2slp_%	Vol%/L	数值(小数第一)	11H Increase of measured CO2 value in phase III of the capnogram, CO2 slope
FlowDev	L/min	数值(小数第二)	12H Average device flow, FlowDev
VTmand_mL	mL	整数	16H Mandatory tidal volume, VTmand
R2	-	数值(小数第二)	2AH Correlation factor, r2
VTispon	mL	数值(小数第一)	68H Spontaneous inspiratory tidal volume, VTispon
Tispon	sec	数值(小数第二)	6FH Spontaneous inspiratory time, Tispon
Pmin	mbar	数值(小数第一)	71H Minimum pressure, Pmin
P0_1	mbar	数值(小数第一)	72H Occlusion pressure in P0.1 maneuver, P0.1
Pmean	mbar	数值(小数第一)	73H Mean airway pressure, Pmean
Pplat	mbar	数值(小数第一)	74H Plateau pressure, Pplat
PEEP	mbar	数值(小数第一)	78H Positive end-expiratory pressure, PEEP
PEEPi	mbar	数值(小数第一)	79H Intrinsic PEEP, PEEPi
RRmand	1/min	整数	7BH Mandatory respiratory rate, RRmand
Peak	mbar	数值(小数第一)	7DH Peak inspiratory pressure, PIP
VTmand_L	L	数值(小数第二)	7EH Mandatory tidal volume, VTmand
VTspon	L	数值(小数第二)	7FH Spontaneous tidal volume, VTspon
Vtrap	mL	数值(小数第一)	81H Volume trapped in the lung by intrinsic PEEP, Vtrap
VTemand	mL	整数	83H Mandatory expiratory tidal volume, VTemand
VTespon	mL	数值(小数第一)	84H Spontaneous expiratory tidal volume, VTespon
VTimand	mL	数值(小数第一)	85H Mandatory inspiratory tidal volume, VTimand
VT	mL	整数	88H Tidal volume, VT
Vds	mL	数值(小数第一)	89H Serial dead space volume, Vds
VdsVTe	mL	数值(小数第一)	8AH Ratio of serial dead space volume to expiratory tidal volume, Vds/VTe
NIF	mL	数值(小数第一)	8DH Negative inspiratory force, NIF
leak%	%	整数	B3H Leakage minute volume in % of inspiratory minute volume, % leak
RRspon	1/min	整数	B5H Spontaneous respiratory rate, RRspon
MVspon%	%	整数	B6H Spontaneous breathing portion of minute volume, % MVspon
MV	L/min	数值(小数第二)	B9H Minute volume, MV
RSB	1/min/L	整数	C9H Rapid shallow breathing index, RSB
RR	1/min	整数	D6H Respiratory rate, RR
etCO2	%	整数	DBH End-tidal CO2 concentration, etCO2
etCO2_kPa	kPa	数值(小数第一)	E3H End-tidal CO2 concentration, etCO2
etCO2_mmHg	mmHg	数值(小数第一)	E6H End-tidal CO2 concentration, etCO2
IE_I	-	数值(小数第一)	E7H Measured I E I part
IE_E	-	数值(小数第一)	E8H Measured I E E part
IE		文字列	
FiO2	%	整数	F0H Inspiratory oxygen fraction, FiO2
VTspon_mL	mL	数值(小数第一)	00H Spontaneous tidal volume, VTspon
IEspon_I		数值(小数第一)	04H Spontaneous I E, I Espon (I part)
IEspon_E		数值(小数第一)	05H Spontaneous I E, I Espon (E part)
IEspon		文字列	
E	mbar/L/s	数值(小数第一)	06H Elastance, E
TC	sec	数值(小数第二)	07H Time constant, TC
TCe	sec	整数	09H Expiratory time constant, TCe
Cstat	mL/mbar	数值(小数第二)	0AH Static compliance, Cstat
C20Cdyn		数值(小数第一)	0BH Ratio of compliance during the last 20 % of inspiration over dynamic compliance, C20/Cdyn
RSB_mL	1/min/mL	数值(小数第一)	0DH Rapid shallow breathing index, RSB
SC-Psupp_g	mbar	整数	1AH Goal for Dpressure support in SmartCare, SC-DPsupp goal
SC-Psupp_r	mbar	整数	1BH Rated Dpressure support by internal controller in SmartCare, SC-DPsupp rated
SC-d_hours	h	整数	1CH Duration of session (hours) in SmartCare, SC-duration
SC-d_min	min	整数	1DH Duration of session (minutes) in SmartCare, SC-duration
SC-RRspon	1/min	整数	1EH Spontaneous respiratory rate in SmartCare, SC-RRspon
SC-VT	mL	整数	1FH Tidal volume in SmartCare, SC-VT
VTe	mL	数值(小数第一)	21H Expiratory tidal volume, VTe
VTi	mL	数值(小数第一)	22H Inspiratory tidal volume, VTi

EIP	mbar	数值(小数第一)	23H End-inspiratory pressure, EIP
Tlow	sec	数值(小数第二)	24H Effective expiratory time during APRV/AutoRelease, Tlow
VT _{CO2}	mL	数值(小数第一)	25H CO ₂ production volume per breath, VT _{CO2}
SC-etCO ₂	mmHg	整数	28H End-tidal CO ₂ concentration in SmartCare, SC-etCO ₂
P _{high}	mbar	数值(小数第一)	31H Upper pressure level during APRV, P _{high}
P _{low}	mbar	数值(小数第一)	32H Lower pressure level during APRV, P _{low}
VT _{sponM}	mL	数值(小数第一)	33H Spontaneous mean tidal volume, VT _{spon mean}
VT _{isponM}	mL	数值(小数第一)	34H Inspiratory spontaneous mean tidal volume, VT _{ispon mean}
VT _{esponM}	mL	数值(小数第一)	35H Expiratory spontaneous mean Tidal Volume, VT _{espon mean}
VT _{Wt}	mL/kg	数值(小数第一)	36H Tidal volume per kg body weight, VT/Wt
MV _{leak}	L/min	数值(小数第二)	37H Leakage minute volume, MV _{leak}
Mode		文字列	テキストメッセージ