









List of new features in CC-Vision

Version no.	Instrument	description of new feature (read me file)	comments	Service only	Standard	E-Cal
5.5.0	X-am 2000 X-am 3000 Pac Ex 2	special Ex-gas is now valid for X-am 2000, X-am 3000 and Pac Ex 2	new menu point: Autocalibration ⇒ Ex cal.gas (Propane, Butane, Pentane, Hydrogen)			X
	X-am 2000 X-am 7000	Smart Cat-Ex and Cat-Ex 125 added to sensor list				X
	Pac 7000	Support of new Pac 7000 NH3 instrument			X	X
	X-am 2000	Timing improved for instrument detection in X-am 2000 E-Cal module				X
	X-am 2000	Save backup files for X-am 2000	During the configuration of the X-am 2000 CC-Vision stores a back-up file (Extras - Options). By returning these back-up file to the instrument a failed instrument can be repaired.		X	X
	X-am 7000 Pac 7000	Integration of Dräger Mobile Printer, so that bump test data can be read out			X	
	X-am 2000					
	X-am 7000 Pac 7000	new bump test parameters for X-am 7000, X-am 2000 and Pac 7000 integrated.	new options for bump test: automatic recognition of Bump Test Station, calibration after failed bump test, print out Pac 7000 on Mobile Printer can be disabled.		X	X
	X-am 2000					
	X-am 7000	add new sensor 6811430 in X-am 7000 for Vol.% calibration				X
	all instruments	datalogger download possible with E-Cal USB	Adjustment from 2x RS232 to 1x USB interface. A datalogger download was not possible, e.g. using the GO-button.			X
	X-am 2000	Read out bump test data from X-am 2000	read out bump test data from the Mobile Printer		X	
	X-am 1/2/5000 Pac 1-7000	Integration of network configuration wizard to connect Mobile Printer via network			X	
	X-am 2000	Improvement calibration of X-am 2000	while checking the instrument after a failed calibration the tolerance range has been enlarged.			X
5.9.6	Pac 1-5000	Enhancement Bump test Pac 1000-5000	adjustment to Firmware 2.0		X	X
	X-am 5000	creation of new X-am 1/2/5000 release with X-am 5000 integrated	new CD containing also X-am 5000		X	
	Pac 7000	Support of new instruments	new: Pac 7000 H2S-LC, Pac 7000 OV & Pac 7000 OV-A		X	X
6.0.6		Modification in User-Management	improvement in "Go-Button-Only" mode			X
	X-am 5000	Silent mode for x-am 5000 realized				X
	X-am 2000	Enhancement 4 new part numbers available			X	X

Version no.	Instrument	description of new feature (read me file)	comments	Service only	Standard	E-Cal	
	X-am 7000	Bump test interval added.	Will be supported only with the next X-am 7000 software release (higher than V1.72).		X	X	
	X-am 2000	Support Firmware V3.8 (incl. Silent mode in E-Cal)			X	X	
		modified message boxes after communication problems	more self-explanatory messages, bigger characters, improved optic		X	X	
	X-am 2000	Differentiation between X-am 1100/1700/2000 on printout of Mobile Printer	only production version, first configuration				
		Support gas for 10 instruments at the same time instead of 5 + 5				X	
	X-am 7000	Zero gas for X-am 7000 / IR-CO2 enabled for customers	zero gas for O2 sensor disabled in service release, zero gas (e.g. N2) enabled (only for IR-CO2 in X-am 7000)	X		X	
6.1.2.0	X-am 7000	Acknowledge after calibration causes alarm stop. No sound penetration				X	
6.1.4	X-am 5000	Support of H2S-LC in X-am 5000				X	
	X-am 5000	Complete support of CO/H2 sensor			X	X	
6.1.7	Pac X000	Support of software version V2.2	Attention! New Pac firmware is not compatible to CC-Vision version lower than 6.1.7		X	X	
		Improvement of new print protocol			X	X	
		Preparation of 6 gases in calibration dialog.				X	
6.1.9	X-am 5000	New XXS-HC (CO HC, PH3 HC, H2S HC) sensors integrated.			X	X	
	6.2.0	X-am 5000	Rules for XXS-HC sensors modified	The XXS HC sensors are now permitted for a bump test and one-button cal participation. But, they are not set default and have to be manually activated.		X	X
	6.2.2	X-am 5000	modified sensor link file	New sensors (e.g. XXS NO) are added to the sensor file.		X	X
		X-am 2/5000	compatible to Drägerware			X	X
6.2.6	Pac X000	Support of Pac 3500 / 5500			X	X	
	Pac 7000	Support of Pac 7000 firmware V3.0			X	X	
		French language added	Installation, navigation and IfU in French		X	X	
6.3.1	Pac X000	Pac O2 works with GO-Button Fresh Air, Span and Bumpstest				X	
		Calibration certificate modified	New template implemented, storage and if needed print out in different languages possible.			X	
		XXS E sensors integrated				X	
		A2 alarm of Ex sensors in X-am 2000, X-am 5x00 and X-am 7000 are limited to 60 %UEG / %LEL / %LIE	Due to new MED directive the alarm is changed				

Version no.	Instrument	description of new feature (read me file)	comments	<i>Service only</i>	<i>Standard</i>	<i>E-Cal</i>
		USB devices will be found automatically	The COM-port of the USB instrument will be identified automatically by the CC-Vision, when USB drivers are installed.		X	X