

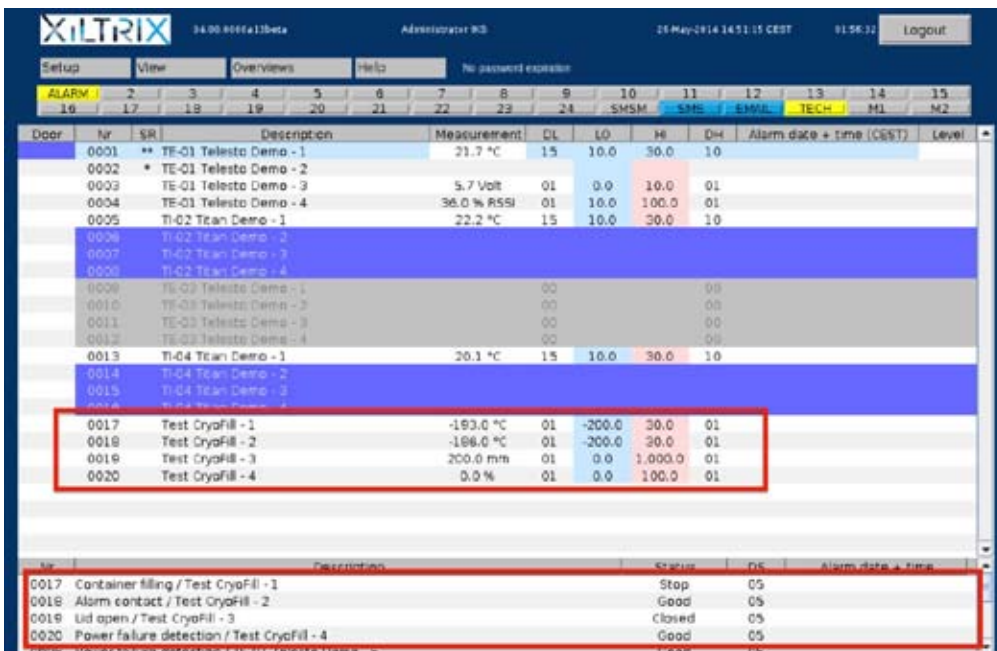


CryoFill with XiltriX connection

The latest feature of the CryoFill is the ability to connect to the IKS XiltriX remote alarm and monitoring system. This allows the user to remotely monitor the CryoFill from his/her computer via the XiltriX console. For example if there is an alarm, the user can check the status of the unit remotely and determine whether immediate action is needed or not!

THE FOLLOWING PARAMETERS CAN BE MONITORED:

Name	Info
The liquid nitrogen level in mm	For vessels with pressure deferential measurement
The liquid nitrogen level in % (0-25-50-75-100)	For vessels with 4-point measurement
Temperature sensor A	Displays the temperature of sensor A
Temperature Sensor B	Displays the temperature of sensor B
Fill status	Indicates whether the unit is filling is not
Alarm status	Indicates whether there is an alarm or no
Lid status *	Indicates whether the lid is open or closed
Power failure **	Indicates whether the unit is using battery backup



Screenshot 1:

The CryoFill information is highlighted in red

* This only applies to vessels fitted with a lid switch

** This only applies to units fitted with a battery backup, which will be released in the near future.



XILTRIX 64.38.80204 (beta) Administrator HQ 25-May-2014 14:51:35 CEST #15541 Logout

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ALARM 2 3 4 5 6 7 8 9 10 11 12 13 14 15
16 17 18 19 20 21 22 23 24 SMSM SMS EMAIL TECH M1 M2

Door	Nr	SR	Description	Measurement	DL	LO	HI	DH	Alarm date + time (CEST)	Level
	0001	**	TE-01 Telesco Demo - 1	21.7 °C	15	10.0	30.0	10		
	0002	*	TE-01 Telesco Demo - 2							
	0003		TE-01 Telesco Demo - 3	5.7 Volt	01	0.0	10.0	01		
	0004		TE-01 Telesco Demo - 4	45.0 % RSSI	01	10.0	100.0	01		
	0005		Ti-02 Titan Demo - 1	22.2 °C	15	10.0	30.0	10		
	0006		Ti-02 Titan Demo - 2							
	0007		Ti-02 Titan Demo - 3							
	0008		Ti-02 Titan Demo - 4							
	0009		TE-03 Telesco Demo - 1		00			00		
	0010		TE-03 Telesco Demo - 2		00			00		
	0011		TE-03 Telesco Demo - 3		00			00		
	0012		TE-03 Telesco Demo - 4		00			00		
	0013		Ti-04 Titan Demo - 1	20.1 °C	15	10.0	30.0	10		
	0014		Ti-04 Titan Demo - 2							
	0015		Ti-04 Titan Demo - 3							
	0016		Ti-04 Titan Demo - 4							
	0017		Test CryoFill - 1	-193.0 °C	01	-200.0	30.0	01		
	0018		Test CryoFill - 2	-195.0 °C	01	-200.0	30.0	01		
	0019		Test CryoFill - 3	205.0 mm	01	0.0	1,000.0	01		
	0020		Test CryoFill - 4	0.0 %	01	0.0	100.0	01		

Nr	Description	Status	D5	Alarm date + time
0017	Container filling / Test CryoFill - 1	Stop	05	
0018	Alarm contact / Test CryoFill - 2	Good	05	
0019	Lid open / Test CryoFill - 3	Open	05	26-May-2014 14:51:29
0020	Power failure detection / Test CryoFill - 4	Good	05	
0021	Power failure detection / TE-01 Telesco Demo - 5	Good	05	

Screenshot 2:
CryoFill with lid opened

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ALARM 2 3 4 5 6 7 8 9 10 11 12 13 14 15
16 17 18 19 20 21 22 23 24 SMSM SMS EMAIL TECH M1 M2

Door	Nr	SR	Description	Measurement	DL	LO	HI	DH	Alarm date + time (CEST)	Level
	0001	**	TE-01 Telesco Demo - 1	21.7 °C	15	10.0	30.0	10		
	0002	*	TE-01 Telesco Demo - 2							
	0003		TE-01 Telesco Demo - 3	5.7 Volt	01	0.0	10.0	01		
	0004		TE-01 Telesco Demo - 4	45.0 % RSSI	01	10.0	100.0	01		
	0005		Ti-02 Titan Demo - 1	22.2 °C	15	10.0	30.0	10		
	0006		Ti-02 Titan Demo - 2							
	0007		Ti-02 Titan Demo - 3							
	0008		Ti-02 Titan Demo - 4							
	0009		TE-03 Telesco Demo - 1		00			00		
	0010		TE-03 Telesco Demo - 2		00			00		
	0011		TE-03 Telesco Demo - 3		00			00		
	0012		TE-03 Telesco Demo - 4		00			00		
	0013		Ti-04 Titan Demo - 1	20.1 °C	15	10.0	30.0	10		
	0014		Ti-04 Titan Demo - 2							
	0015		Ti-04 Titan Demo - 3							
	0016		Ti-04 Titan Demo - 4							
	0017		Test CryoFill - 1	-192.0 °C	01	-200.0	30.0	01		
	0018		Test CryoFill - 2	-197.0 °C	01	-200.0	30.0	01		
	0019		Test CryoFill - 3	190.0 mm	01	0.0	1,000.0	01		
	0020		Test CryoFill - 4	0.0 %	01	0.0	100.0	01		

Nr	Description	Status	D5	Alarm date + time
0017	Container filling / Test CryoFill - 1	Fill	05	26-May-2014 14:51:53
0018	Alarm contact / Test CryoFill - 2	Good	05	
0019	Lid open / Test CryoFill - 3	Closed	05	
0020	Power failure detection / Test CryoFill - 4	Good	05	
0021	Power failure detection / TE-01 Telesco Demo - 5	Good	05	

Screenshot 3:
Filling CryoFill