

Rapport d'entretien préventif

Moniteur de signes vitaux

SERVICE Recherche, Recherche Clinique HMR

Marque	Welch Allyn	Date	2025-06-19
Modèle	Connex 7000	No. GBM	802011
No. Série	100076E+11 100075881623	No. SR	1273657

I Inspection générale

Effectué

- 1.1 Nettoyer l'extérieur de l'équipement
- 1.2 Vérifier l'état général de l'appareil et de ses accessoires
- 1.3 Vérifier le câble d'alimentation
- 1.4 Ouvrir le boîtier et dépeussier l'extérieur et l'intérieur
- 1.5 Fermer le boîtier
- 1.6 Vérifier le fonctionnement avec alimentation du secteur
- 1.7 Vérifier le fonctionnement avec alimentation de la batterie
- 1.8 Vérifier que le moniteur n'affiche aucun code d'erreur lors de l'ouverture
- 1.9 Vérifier la date et heure de l'appareil
- 1.10 Test de sécurité électrique CL2

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II Vérification avec le WAST

Effectué

- 2.1 Vérifier que le WAST détecte l'appareil
- 2.2 Vérifier s'il y a des mises à jour du logiciel à faire
- 2.3 Faire les tests du *Host Controller*
- 2.4 Faire les tests du *SureTemp Thermometer*
- 2.5 Faire les tests du *SpO2 Sensor*
- 2.6 Faire les tests du *NIBP Sensor*
- 2.7 Sauvegarder le log du WAST

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IV Certificat des instruments de mesure

Instrument de mesure	Manomètre	Tubes pneumatiques	Testeur de moniteur SpO ₂	Testeur de thermomètre	Testeur de thermomètre	Testeur de thermomètre	Testeur de Sécur. Électr.
No GBM /série	68262	3963	23127	72996	74241	72995	17187
Certifié par	Geringe	Hans Rudolph Inc.	Geringe	Geringe	Geringe	Geringe	Geringe
No de certification	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Échéance Certific.	21-08-2025	08-2027	26-08-2025	27-08-2025	27-08-2025	27-08-2025	27-08-2025

V Commentaires

Joindre le log du WAST et le test de sécurité électrique à la requête

VI Techniciens GBM

Titre

Francis Jolicoeur

/ Technicien GBM

©V2 - Rédigé par Paul Savard - 2025-03-07


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===== | | | 1242504192 (0
----- | | | 2585002496 (0
Service Record 2025/06/19 11:07:53 | | |
----- | | |
===== | | | 67144457 (0x4
Device Name :Connex Spot Monitor | | | 1812930560 (0x6C0F2000)
Serial # :100075881623 | | | 3088037391 (0xB80FB60F)
REF # :74MT | | | 621421834 (0x250A250A)
Service Tool Version :1.10.1 | | | 33610504 (0x200DB08)
Core Version :1.5.0.3 | | | 3372992779 (0xC90BC90B)
===== | | |
Verify/Calibrate 2025/06/19 11:09:13 | | |
===== | | |
Device Name :Connex Spot Monitor | | |
Serial # :100075881623 | | | 1946878464 (0x740B0200)
REF # :74MT | | | 1325989888 (0x4F090000)
Plugin Version # :1.2.0.1 | | | 33556235 (0x200070B)
----- | | | 1594556928 (0x5F0B0200)
Test Summary | | | 6619256 (0x650078)
----- | | | 1514359744 (0x5A434BC0)
InitialPOSTTest: Passed | | | 33559552 (0x2001400)
LCDDisplayTest: Passed | | |
BackLightInterfaceTest: Passed | | |
TouchScreenInterfaceTest: Passed | | |
LEDTest: Passed | | |
BeeperTest: Passed | | |
NurseCallRelayTest: Passed | | |
BatteryOperationTest: Passed | | |
SpeakerTest: Passed | | |
USBHostPortCommunicationTest: Passed | | |
EthernetCommunicationTest: Skipped | | |
BluetoothTest: Skipped | | |
WirelessTest: Skipped | | |
MasimoFunctionalTest: Passed | | |
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Test Details | | |
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----- | | |
InitialPOSTTest - Passed: | | |
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----- | | |
LCDDisplayTest - Passed: | | |
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BackLightInterfaceTest - Passed: | | |
----- | | |
----- | | |
TouchScreenInterfaceTest - Passed: | | |
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----- | | |
LEDTest - Passed: | | |
----- | | |
----- | | |
BeeperTest - Passed: | | |
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----- | | |
NurseCallRelayTest - Passed: | | |
----- | | |
----- | | |
Battery Operation Test - Passed: | | |
----- | | |
----- | | |
Power Source Disconnected | | |
----- | | |
Device Battery Information: | | |
Current: -622 | | |
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Level:	FULL_CHARGE			
Status:	NOT_CHARGING			
Voltage:	8082			
	Power Source Connected			

Device Battery:				
Current:	1156			
Level:	FULL_CHARGE			
Status:	FAST_CHARGE			
Voltage:	8129			

SpeakerTest - Passed:				

USB Host Port Communication Tests - Passed:				

	Actual Reading			

Port Numbers:	1			

Masimo Functionality Test - Failed:				

	Specification	Actual Reading		

SpO2 Heart Rate:	59....61	0 BPM		
O2 Saturation:	77%83%	0%		

Masimo Functionality Test - Failed:				

	Specification	Actual Reading		

SpO2 Heart Rate:	59....61	0 BPM		
O2 Saturation:	77%83%	0%		

Masimo Functionality Test - Passed:				

	Specification	Actual Reading		

SpO2 Heart Rate:	59....61	60 BPM		
O2 Saturation:	77%83%	82%		
=====				
Verify/Calibrate	2025/06/19 11:17:23			1514012768 (0x5A3E0060)
=====				
Device Name	:NIBP Sensor			
Serial #	:NOT SET			
REF #	:NOT SET			
Plugin Version #	:1.3.1.1			

	Test Summary			

InitialPOSTTest:	Passed			
LeakTest:	Passed			
PowerCalibrationPrimaryAndSafety:	Passed			
PressureCalibrationPrimaryAndSafety:	Passed			
PressureAccuracyTest:	Passed			
PressureAccuracyTest50:	Passed			
PressureAccuracyTest150:	Passed			
PressureAccuracyTest250:	Passed			
ADNoiseTest:	Passed			
PumpInflationTest:	Passed			
DumpTest:	Passed			
SingleLumenSwitchTest:	Skipped			
DualLumenSwitchTest:	Passed			
OverPressureTest:	Passed			
ResidualPressureTest:	Passed			

Test Details						
Initial POST Test - Passed:						
	Specification			Actual Reading		
Acceptable Errors:	0.0			0.0		
Leak Test - Passed:						
	Specification			Actual Reading		
Pressure leak:	Max:5			2,56 mmHg		
Power Calibration Primary/Safety - Passed:						
	Specification			Actual Reading		
Input Voltage:	15,00			15,00		
Current Battery Voltage (Primary):	15,00 (+/- 0,1)			14,98		
Current Battery Voltage (Safety):	15,00 (+/- 0,1)			15,00		
Calculated Coefficient(Primary):	-32000....32000			16589		
Calculated Coefficient(Safety):	-32000....32000			16643		
Measured Deviation(Primary):	Max:0,1			0,022 Volts		
Measured Deviation(Safety):	Max:0,1			0,001 Volts		
Pressure Calibration Primary and Safety - Passed:						
	Specification			Actual Reading		
Internal Temperature(Primary):	Max:50			31,1 Celsius		
Calculated Zero Coefficient(Primary):	-15384....15384			43		
Measured Zero Deviation(Primary):	0,05			0 mmHg		
Calculated Span Coefficient(Primary):	1000....31767			18939		
Measured Span Deviation(Primary):	Max:0,1			0,05 mmHg		
Internal Temperature(Safety):	Max:50			31,1 Celsius		
Calculated Zero Coefficient(Safety):	50....255			91		
Measured Span Deviation(Safety):	Max:1000			0,41 mmHg		
Calculated Span Coefficient(Safety):	1....10000			3898		
Pressure Accuracy Test 0 mmHg - Passed:						
	Actual	Primary	Safety			
Pressure :	0	0,1	0,03 mmHg			
Pressure Accuracy Test 50 mmHg - Passed:						
	Actual	Primary	Safety			
Pressure :	51	51,16	51,45 mmHg			
Pressure Accuracy Test 150 mmHg - Passed:						
	Actual	Primary	Safety			
Pressure :	153	152,82	153,19 mmHg			
Pressure Accuracy Test 250 mmHg - Passed:						
	Actual	Primary	Safety			
Pressure :	252	250,57	250,25 mmHg			

AD Noise Test - Passed:								

		Specification			Actual Reading			
		-----			-----			
Noise pressure:	Max:0,05				0,02 mmHg			

Pump Inflation Test - Passed:								

		Specification			Actual Reading			
		-----			-----			
Inflation time:	Max:7				3,612 Seconds			

Dump Test - Passed:								

		Specification			Actual Reading			
		-----			-----			
Dump Time:	Max:10				4,379 Seconds			

DualLumenSwitchTest - Passed:								

Over Pressure Test - Passed:								

		Specification			Actual Reading			
		-----			-----			
Adult Mode:	280....329				299,46 mmHg			
Neonate Mode:	130....164				146,53 mmHg			

Residual Pressure Test - Passed:								

		Specification			Actual Reading			
		-----			-----			
Error Code:	28				28			
=====								
Verify/Calibrate	2025/06/19 11:26:53							
=====								
Device Name	:SureTemp Thermometer							
Serial #	:100022651623							
REF #	:420846							
Plugin Version #	:1.4.0.0							

Test Summary								

InitialPOSTTest:	Passed							
ProbeSwitchTest:	Passed							
LowTemperatureTest:	Passed							
MediumTemperatureTest:	Passed							
HighTemperatureTest:	Passed							
CalibrationKeyTemperatureTest:	Passed							

Test Details								

Initial POST Test - Passed:								

		Specification			Actual Reading			
		-----			-----			
Acceptable Errors:	0.0,5.3,5.4,5.9				0.0			
POST Status:	COMPLETE				COMPLETE			

Probe Switch Test - Passed:								

Possible Switch Values (On = 1 / Off = 0 / Default Value (Test had already failed) = 2)								
		Specification			Actual Reading			

Probe is not connected:	0	0			
Probe is connected:	1	1			
Probe is in well:	0	0			
Probe is not in well:	1	1			

Low Temperature Test - Passed:					

	Specification	Actual Reading			

Temperature Read:	96,6....97	96,8 ..F			

Medium Temperature Test - Passed:					

	Specification	Actual Reading			

Temperature Read:	101,1....101,5	101,3 ..F			

High Temperature Test - Passed:					

	Specification	Actual Reading			

Temperature Read:	105,6....106	105,8 ..F			

Calibration Key Temperature Test - Passed:					

	Specification	Actual Reading			

Temperature Read:	97,1....97,5	97,3 ..F			
=====					

Service Record End		2025/06/19 11:35:41			

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Signature	2025/06/19 11:35:41				
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FJ					

