



Flex Medical Kallang – Consigned Tool Health Check (BSM/QSM)

28-Sep-2018

CONFIDENTIAL

BSM / QSM Electrical Safety Analyser

STATIONS	Customer ID	Equipment	Maker	Model	Serial No.	Number of common testers	Criticality (C)	Risk (R)	Down time Occurrence (O)	Risk Priority Number (RPN) = C*R*O	Schematics available? (Yes/No)	Visual Condition? (Pass/Fail)	Obsolete Parts? (Yes/No)	Checked By	Reviewed By	Remarks
BSM/QSM Cell	98206	Electrical Safety Analyzer	QUADTECH	Guardian 6000	6069766	4	2	2	1	4	No	Pass	No	Shamsul	Joel	Down due to stamp(INK to be refill once a week)
	86079	Load Box	Chroma	S14-03	14354691	4	2	2	1	4	Yes	Pass	No	Shamsul	Joel	NA



Hipot



Hipot Stamp(INK- to be refill once a week)



Load Box

TE 82943 : BSM/QSM Functional Final Tester

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BSM/QSM TE82943	90606	Electronic Weighing Balance	AND	HR-200	90606	8	2	2	1	4	No	Pass	No	Shamsul	Joel Mamalateo Deduyo	Need to maintain on restrictors for R1 and R2
	TE82943-	BSM Final Function Tester	WATERS	TE 82943-11	TE82943-11 -18	8	2	3	2	12	No	Pass	Yes	Shamsul	Joel Mamalateo Deduyo	No schematic for the PCB.
	84010	QSM_TUV DETECTOR	WATERS	1860150 28	M09UPT 364A	8	2	3	1	6	No	Pass	Yes	Shamsul	Joel Mamalateo Deduyo	TUV detector make in 2009; can be replaced with new TUV(186015031)



→ Electronic Weighing Balance
Note: AND discontinued the HR 200

→ BSM / QSM Final Function Tester

→ Acquity TUV detector(Obsolete)

→ CPU

TE 82943 : BSM/QSM Functional Final Tester Contd...



Consists of PCB and controller
- Not able to visualize Waters PN

Consists of vent valve, tubings and restrictors
- Not able to visualize Waters PN

Interior view of Function Tester



Consists of AMP, RS232 and USB cables. (No spares of AMP cable)

Back View of Function Tester

TE 83076-3 : Acquity Actuator Homing Box

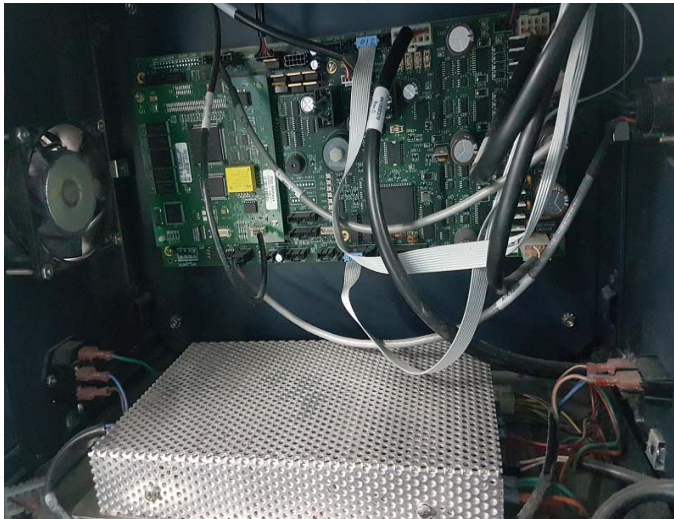
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Acquity Actuator Homing box	TE83076-3	Acquity Actuator Homing box	WATERS	TE 83076-3	TE 83076-3	1	3	1	1	3	No	Pass	No	Shamsul	Joel	NA



TE 82800 : Actuator Tester

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Actuator Tester	TE 82800	Acquity Actuator Test	WATERS	TE 82800-2 n 3	TE 82800-2 n 3	2	2	2	3	12	No	Pass	No	Shamsul	Joel	Replace tubing once a week and filters quarterly

Right side panel consist of CPU,PCB and power supply



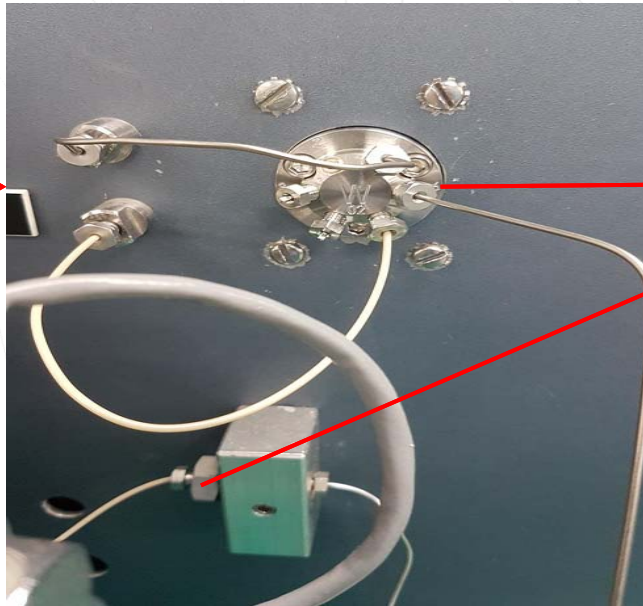
Left side panel consist of vent valve and tubing to waste



TE 82800 : Actuator Tester Contd....



Inline degasser



Consist of vent valve (279000916) and filter.
- replaced interface tubing once a week and filters quarterly.

Printer of BSM and QSM

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BSM / QSM NA		Acquity Actuator Test	WATERS	LaserJet Pro M402dn	PHCNF 49758	4	1	1	2	12	No	Pass	No	Shamsul	Joel	To maintain on toner. PM done on yearly basis



The background is a dark blue gradient with a complex pattern of thin, light blue geometric lines and circles. Some lines are straight and vertical, while others are curved or form right angles. Small circles of varying sizes are scattered throughout, some intersecting with the lines. The overall effect is a technical or architectural drawing style.

THANK YOU