

Form B03

Scheduled Maintenance Work Order



Quantum Medical Solutions sdn bhd
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Format Ref: - QMS/TSD-022 Rev.01

Work Order No.	PWO365474	Schedule Month	June 2018
Work Order Date	01/06/2018	Completed Date	4/6/18
Clinic Name	Klinik Desa Parit Hylam	Clinic Code	JHR096
BE No.	JHNSTT041	Distict	BATU PAHAT
BE Category	STERILIZING UNITS, STEAM, TAE	WO Assigned to	Farhan
Ownership	<input type="checkbox"/> Existing Equipment	<input type="checkbox"/> Purchase	<input checked="" type="checkbox"/> New
BE Condition	<input checked="" type="checkbox"/> Active	<input type="checkbox"/> BER Proposed	
Work Order Type	<input checked="" type="checkbox"/> Preventive Maintenance (PM)	<input type="checkbox"/> Third Party Calibration (TPC)	
	<input type="checkbox"/> Routine Inspection (RI)	<input type="checkbox"/> Statutory Certification (SC)	

Reschedule Date	
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BE Third Party Calibration / Statutory Certification Details			
Company Name		Cal / Cert Date	
Contact Number		Cal / Cert Expiry Date	
Action Taken			
<input checked="" type="checkbox"/> PM / RI job done as per checklist. Unit tested functioning good & ready to use.		Manufacturer: Newmed	
<input type="checkbox"/> Corrective Maintenance / <input type="checkbox"/> Breakdown		Modal: Krones B32	
BE Sticker Availability: <input type="checkbox"/> Yes / <input type="checkbox"/> NA		Serial No:	
Remarks: ppm warranty.			

Schedule Maintenance Execution Details				
SI No	QMS Engineer / Technician Name	Date	Start Time	End Time
	Farhan	4/6/18	1400	1500

Customer Remarks
NA

Engineer / Technician Signature Name: MOHD NAJIB FARHAN B. ISMAIL Date: 4/6/18 BIOMEDICAL ENGINEER (012-388 7048) QUANTUM MEDICAL SOLUTIONS SDN. BHD.		Customer Signature Name: NURUL AFIFAH BT MAZELAN Designation: NO.PENDAFTARAN PENUH KKM:29984 Date: JURURAWAT MASYARAKAT U19 Seal: KD PARIT HYLAM KLINIK KESIHATAN SENGGARANG	
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For Internal Use

First Verification
QMS Circle Incharge

QUANTUM MEDICAL SOLUTIONS
RAZILA BINTI MISKAN
BIOMEDICAL ENGINEER

Final Verification
QMS State Incharge



MAYMEDIC technology sdn. bhd.

729933-U

No 119363

SERVICE / REPAIR REPORT

M/s	KLINIK DESA PARIT HYLAM
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Location	PANTRY
Type of equipment	NEWMED KRONOS
S/No.	KB2QHF2563
Model	B23
Repair	PPM (2nd)
Warranty	Service Contract

CC : 219	
Date	4/6/2018
Our quotation no.	N/A
Order No.	N/A
Time arrived	2.00 pm
Time finished	

Service / repair details
- CHECK POWER SUPPLY, FUSES, DISPLAY, TOUCH-PAD, BOARD, DOOR GASKET, DOOR MECHANISM, VALVES, VAPORIZER, HEATER BAND, PIPING AND WIRING.
- TEST OVERALL PART FUNCTION. ALL FUNCTIONAL WELL!
- CLEAN OVERALL UNIT.
- RUN VACUUM TEST (0.1 mbar/min) HELIX/BD TEST. PASS!
- AUTOCLAVE CAN BE USE AS USUAL.

Item	Parts No.	Description	Quantity
		N/A	

Item	Parts No.	Description	Qty
		N/A	

Remarks
- CHANGE THE CYCLE INTO 'VACUUM TEST' MODE EVERYTIME AFTER USE IT.
- LET THE AUTOCLAVE REST FOR AT LEAST 30 MIN BEFORE START ANOTHER CYCLE.

Signature of service engineer
MOHD AFIQ BIN MARZUKI MAYMEDIC TECHNOLOGY SDN. BHD.

Customer stamp & signature
NURUL AFIFAH BT MAZELAN NO. PENDAFTARAN PENUH KKM:29984 JURURAWAT MASYARAKAT U19 KD PARIT HYLAM KLINIK KESIHATAN SENGGARANG



MAYMEDIC technology sdn. bhd.



NEWMED KRONOS PROTABLE STERILIZER Preventive Maintenance Check List

Inspection Period :	1	2	3	4
Date Of Inspection:	4/6/2018			
P/M Performed by :	AFIQ/HFDAMS			
Cycles Completed :	219			

Key: AJ = Adjusted
CL = Cleand
LB = Lubricated
CK = Check

Customer :	KD. PARIT HYLAM
Location :	PANTRY
Serial No:	KB2QH2563
Asset No :	1

RP = Replace
RB = Rebuilt
SV = Service/Calibrate
T = Test

1.0 EXTERNALLY

	1	2	3	4	Remark
1.1 Discuss equipment with operator & Check Printouts		CK			
1.2 Drain the used water tank		CL			
1.3 Change the in-line water filter on filling hose		CK			
1.4 Change the baterial filter element (every 250 cycles maximum)		CK			
1.5 Check the condition of display panel and operation of all push-buttons		CK			
1.6 Check the condition of autoclave fuses		CK			
1.7 Check the condition of supply cable and connection plug		CK			
1.8 Clean all outer surfaces and remove any stains or scratches if possible		CL			
1.9 Lubricate the door hinges and clean door surface (only use water and sponge)		LB			

2.0 CHAMBER & INTERNAL COMPONENTS

2.1 Drain the clean water tank & clean internally (remove steel plate and use only water)		CL			
2.2 Change the 2 internal stainless steel filters (every year change)		CK			
2.3 Change the door seal (every year change)		CK			
2.4 Change the in-line water filter (from to tank injection pump) (every year change)		CK			
2.5 Change the 2 X non-return valves connected to EV5 & EV8 (every year change)		CK			
2.6 Check the steam generator (change steam generator if connection inside of chamber is white)		CK			
2.7 Check all internal connections for signs of any leakage (rebuild connections if required)		CK			
2.8 Check the operation of the float switches of the clean & used water tanks		CK			
2.9 Clean the inside of the Chamber (only use water and sponge)		CL			
2.10 Check the tray holder for damage and corrosion (do not clean trays)		CK			
2.11 Check & lubricate the motorised locking mechanism (using SVITOL by Arexons, only - cod.4104)		CK			
2.12 Check the pipe work and wiring for any signs of damage or wear		CK			
2.13 Every 2000 cycles or yearly (which required come 1st) : Change the solenoid valves EV1, EV2 & EV5		CK			
2.14 Every 2000 cycles or yearly (which required come 1st) : Change the valves of the vacuum pump (if present)		CK			
2.15 Every 2000 cycles or yearly (which required come 1st) : Check the solenoid valve EV8 (if present, and replace if required)		CK			

3.0 OPERATIONS CHECK

3.1 Run "VACUUM TEST" and check door alignment (adjust door alignment under vacuum if required)		T			
3.2 Complete "VACUUM TEST" cycle and check for positive result		T			
3.3 Run "134°C" cycle and check for signs of any steam leakage (rebuild connections id required)		T			
3.4 Check autoclave celibration during sterilisation with test equipment (adjust calibration if required)		CK			

SERVICE COMPLETED

Engineer Signature :

MOHD AFIQ BIN MARZUKI
MAYMEDIC TECHNOLOGY SDN. BHD.

Customer Signature :

NURUL AFIFAH BT MAZELAN
NO. PENDAFTARAN PENUH KKM:29984
JURURAWAT MASYARAKAT UT9
KD PARIT HYLAM
KLINIK.KESIHATAN SENGGARANG

Building People. Building Dreams™
No. 15-2, Jalan 5/152, Batu 6, Jalan Puchong, Taman Perindustrian CUG, 58200 Kuala Lumpur, Malaysia.
Tel : +60 3 77859380, +60 3 77859381 Fax : +60 3 77859382
www.maymedic.com.my

MOHD NAJIB FARHAN B. ISMAIL
BIOMEDICAL ENGINEER
(012-396 7048)
QUANTUM MEDICAL SOLUTIONS SDN. BHD.

