

Form B03

Scheduled Maintenance Work Order



Quantum Medical Solutions sdn bhd
transcending boundaries, transforming life

Format Ref: - QMS/TSD-022 Rev.01

Work Order No.	PWO365073	Schedule Month	June 2018
Work Order Date	01/06/2018	Completed Date	3/6/18
Clinic Name	Klinik Desa Parit Bilal	Clinic Code	JHR100
BE No.	JHNSTT045	Distict	BATU PAHAT
BE Category	STERILIZING UNITS, STEAM, TAE	WO Assigned to	Fahar
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. <input type="checkbox"/> Corrective Maintenance / <input type="checkbox"/> Breakdown BE Sticker Availability: <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> NA Remarks: rpm warranty.			
		Manufacturer :	Newmed
		Modal :	Knob B32
		Serial No :	

Schedule Maintenance Execution Details				
SI No	QMS Engineer / Technician Name	Date	Start Time	End Time
	Fahar	3/6/18	1200	1300

Customer Remarks
NA

Engineer / Technician Signature Name: MOHD NAJIB FARHAN B. ISMAIL Date: 3/6/18 BIOMEDICAL ENGINEER (012-395 7048) QUANTUM MEDICAL SOLUTIONS SDN. BHD.		Customer Signature Name: NOR HAMIZAH BINTI ROSLAN Designation: Jururawat Masyarakat U19 Date: No Pendaftaran KKM: 25077 Seal: K.D Pt. Bilal, Batu Pahat	
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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



№ 119358

729933-U

SERVICE / REPAIR REPORT

M/s	KLINIK DESA PARIT BILAL

Location BILIK PANTRY	
Type of equipment NEUMED KRONOS	
S/No. KB2QHF 2558	
Model B23	Warranty
Repair PPM (2nd)	Service Contract

Date	3/6/2018
Our quotation no.	N/A
Order No.	N/A
Time arrived	11.45 am
Time finished	

Service / repair details
- CHECK POWER SUPPLY, FUSES, DISPLAY, TOUCH-PAD, BOARD, DOOR GASKET & DOOR MECHANISM, VALVES, VAPORIZER, HEATER BAND, PIPING AND WIRING. OKAY!
- TEST OVERALL PART FUNCTION. ALL IN GOOD CONDITION.
- CLEAN OVERALL UNIT.
- RUN VACUUM TEST 20-0 MBAR/MINUT & HELIX/BD TEST. PASS!
- AUTOCLAVE CAN BE USE AS USUAL.

Parts Changed			
Item	Parts No.	Description	Quantity
		N/A	
		MOHD NAJIB FARHAN B. ISMAIL BIOMEDICAL ENGINEER (012-396 7048) QUANTUM MEDICAL SOLUTIONS SDN. BHD.	

Recommended Parts Changed			
Item	Parts No.	Description	Qty

Remarks
N/A

Signature of service engineer



MOHD AFIQ BIN MARZUKI
MAYMEDIC TECHNOLOGY SDN. BHD.

Customer stamp & signature

118333

10-11-1964

10-11-1964

10-11-1964

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NEWMED KRONOS PROTABLE STERILIZER Preventive Maintenance Check List

Inspection Period :	1	2	3	4
Date Of Inspection:	3.6.2018			
P/M Performed by :	Fikri / A.D			
Cycles Completed :	174			

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

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

Customer :	KD Parit Bt/41
Location :	Bt/115 Parit
Serial No:	FB20HF2558
Asset No :	1

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 calibration during sterilisation with test equipment (adjust calibration if required)		CK			

SERVICE COMPLETED

Engineer Signature :

[Signature]
M. PRADIP K. S.
KHAIRUDDEEN

Customer Signature :

[Signature]
NOR HAMIZAH BINTI ROSLAN
Jururawat Masyarakat U19
No Pendaftaran KKM: 25077
K.D Pt. Bilal, Batu Pahat

