

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.	PWO365580	Schedule Month	June 2018
Work Order Date	01/06/2018	Completed Date	4/6/18
Clinic Name	Klinik Desa Parit Kemang	Clinic Code	JHR104
BE No.	JHNSTT046	Distict	BATU PAHAT
BE Category	STERILIZING UNITS, STEAM, TAE	WO Assigned to	Fahar
Ownership	<input checked="" 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	MA	Cal / Cert Date	MA
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: ppm warranty.		Manufacturer: Newmed Modal: Kronos B32 Serial No: KB201P562	

Schedule Maintenance Execution Details				
SI No	QMS Engineer / Technician Name	Date	Start Time	End Time
	Fahar	4/6/18	1500	1600

Customer Remarks	NA
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Engineer / Technician Signature Name: Date: 4/6/18 MOHD NAJIB FARHAN B. ISMAIL BIOMEDICAL ENGINEER (012-395 7048) QUANTUM MEDICAL SOLUTIONS SDN. BHD.		Customer Signature Name: Designation: NURUL AFIFAH BT MAZELAN NO. PENDAFTARAN PENYUJUK KKM: 29984 JURURAWAT MASYARAKAT U19 KD PARIT HYLAM KLINIK KESIHATAN SENGGARANG Date: Seal:	
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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

NORSHALIZA BINTI ABD WAHAB
 JURURAWAT MASYARAKAT U19
 KD PARIT KEMANG



MAYMEDIC technology sdn. bhd.



NEWMED KRONOS PORTABLE STERILIZER Preventive Maintenance Check List

Inspection Period :	1	2	3	4
Date Of Inspection:	4-6-2018			
P/M Performed by :	MEDANS / MDQ			
Cycles Completed :	106			

Customer :	K.O Parit Kemang
Location :	Bilik Rawatan
Serial No:	FB20HF2562
Asset No :	1

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

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 bacterial 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)		ck			
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)		cl			
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 :

Customer Signature :

MOHD AFIQ BIN MARZUKI
MAYMEDIC TECHNOLOGY SDN. BHD.

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BICMEDICAL ENGINEER
(012-396 7048)

QUANTUM MEDICAL SOLUTIONS SDN. BHD.

NORSHALIZA BINTI ABD WAHAB
JURURAWAT MASYARAKAT U19
KD PARTI KEMANG



MAYMEDIC technology sdn. bhd.

729933-U

No **119364**

SERVICE / REPAIR REPORT

M/s	KLINIK DESA PARTI KEMANG

Location		BILIK RAWATAN
Type of equipment		NEUMED KRONOS
S/No.		KB2QHF2562
Model	B23	Warranty
Repair	PPM (2nd)	Service Contract

Date	CC1106 4/6/2018
Our quotation no.	N/A
Order No.	N/A
Time arrived	3.30 pm
Time finished	

Service / repair details
- CHECK POWER SUPPLY, FUSES, DISPLAY, TOUCH-PAD, BOARD, DOOR GASKET & MECHANISM, VALVES, VAPORIZER, HEATER BAND, WIRING AND PIPING.
- TEST OVERALL PART FUNCTION, ALL FUNCTIONAL WELL!
- CLEAN OVERALL UNIT.
- RUN VACUUM TEST (0.6 mbar/min) & HELIX/BD TEST. PASS!
- AUTOCLAVE CAN BE USE AS USUAL.

Parts Changed			
Item	Parts No.	Description	Quantity
		N/A	

MOHD NAJIB FATHAN B. ISMAIL
BIOMEDICAL ENGINEER
(012-396 7042)
QUANTUM MEDICAL SOLUTIONS SDN. BHD.

Recommended Parts Changed			
Item	Parts No.	Description	Qty
		N/A	

Remarks
N/A

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

Customer stamp & signature
NORSHALIZA BINTI ABD WAHAB JURURAWAT MASYARAKAT U19 KD PARTI KEMANG

MAXIMEDIC Technology, Inc.

REPAIR REPORT

LINK DESK PART REMOVED

DATE: 11/10/04
TIME: 3:50 PM
BY: [Signature]

REMOVED FROM
REMOVED FROM
REMOVED FROM
REMOVED FROM

- CHECK FORK ASSEMBLY, FINGER, WHEEL, JAW, AND LINKAGE MECHANISM
- LUBRICATE, ADJUST, REPAIR, AND FINISH
- TEST OVERALL PART FUNCTION, ALL FUNCTIONAL WELL
- CLEAN OVERALL UNIT
- FOR VACUUM TEST (REMOVED) [REMOVED] [REMOVED]
- VACUUM CAN BE SET AS NEEDED

11/10/04

A/H

A/H

A/H

REPAIR REPORT
DATE: 11/10/04
TIME: 3:50 PM
BY: [Signature]

REPAIR REPORT
DATE: 11/10/04
TIME: 3:50 PM
BY: [Signature]

REPAIR REPORT
DATE: 11/10/04
TIME: 3:50 PM
BY: [Signature]