



## Installation Report of Medonic

**Customer Name :** District Women Hospital, Pilibhit

**Instrument Name :** Medonic M series      **Model :** M20      **Serial Number :** 4000062

**Installation Date:** 07 February, 2017      **Contact Person:** Dr. Afzal Husain

### Annexures :-

Annexure-I :-Background and %CV results obtained

Annexure-II :-Factors obtained before and after calibration and IQC results

### ANNEXURE-I

#### 1. Results obtained after running background.

Parameter	Value	Range	Status
RBC	0.00	$\leq 0.01 (10^{12}/L)$	Passed
WBC	0.0	$\leq 0.1 (10^9/L)$	Passed
HGB	0.0	$\leq 0.2 (g/dL)$	Passed
PLT	0	$\leq 10 (10^9/L)$	Passed

**Note:-** Printout of the snapshot of the background results are attached herewith.

#### 2. %CV obtained after running calibrator multiple times:-

Test	TargetCV[%]	Meanresult	CV[%]	Status
RBC	<2.2%	3.92	1.0	Passed
WBC	<4.2%	7.6	2.6	Passed
HGB	<1.8%	11.5	1.4	Passed
PLT	<5.8%	222	2.0	Passed
MCV	<1.8%	78.5	0.2	Passed
MPV	<2.0%	10	0.7	Passed

**Note:-** Printout of the snapshot of the calibration results are attached herewith.

**ANNEXURE-II**

**1. Factors obtained before and after calibration:-**

Test	Target value & Range	Old Factor	New Factor	Status
RBC	4.00±0.10	17.8	20.5	Cal Done
WBC	8.5±0.3	-4.5	6.3	Cal Done
HGB	11.5±0.2	-6.5	-6.5	Cal Done
PLT	236±15	6.5	-13.5	Cal Done
MCV	80±2.0	-2.8	-1.0	Cal Done
MPV	10.6±1.5	-20.7	-15.9	Cal Done

**Note:- Printout of the snapshot of the calibration results are attached herewith.**

**2. Results of the Internal Quality Control after calibration:-**

Test	Range Low QC	Result	Range Normal QC	Result	Range High QC	Result
RBC	2.32(2.17-2.47)	2.35	4.28(4.08-4.48)	4.31	5.21(4.96-5.46)	5.37
WBC	2.6(2.0-3.2)	3.0	7.2(6.6-7.8)	7.3	16.7(14.2-18.2)	16
HGB	6.1(5.8-6.4)	6.4	11.9(11.5-12.3)	12.1	15.6(15.0-16.2)	15.7
PLT	53(38-68)	52	193(163-223)	218	412(352-472)	476
MCV	72.4(66.4-78.4)	77.3	81.8(81.2-82.4)	83.8	89.1(83.1-95.1)	91.2
MPV	9.0(7.5-10.5)	9.6	8.7(7.2-10.2)	9.0	13.5(8.5-18.5)	9.1

**Note:- Printout of the snapshot of the IQC results are attached herewith.**

Service Engineer Signature.....

Customer Signature.....



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**Run in Background(Medonic S.No-400062)**

# Calibration Report

Whole Blood Calibration

Profile: BLOOD

Use	MCV	SEQ	ID
<input checked="" type="checkbox"/>	78.6	1932	CAL
<input checked="" type="checkbox"/>	78.6	1933	CAL
<input checked="" type="checkbox"/>	78.3	1934	CAL
<input checked="" type="checkbox"/>	78.6	1935	CAL
<input checked="" type="checkbox"/>	78.4	1936	CAL

Mean: 78.5      CV%: 0.2

Orig CAL Factor	New CAL Factor	Target Value	CAL Value
-2.8	-1.0	80.0	

Buttons: Set TV, Use CAL, Next, Exit

Whole Blood Calibration

Profile: BLOOD

Use	WBC	SEQ	ID
<input checked="" type="checkbox"/>	7.5	1932	CAL
<input checked="" type="checkbox"/>	7.9	1933	CAL
<input checked="" type="checkbox"/>	7.5	1934	CAL
<input checked="" type="checkbox"/>	7.4	1935	CAL
<input checked="" type="checkbox"/>	7.7	1936	CAL

Mean: 7.6      CV%: 2.6

Orig CAL Factor	New CAL Factor	Target Value	CAL Value
-4.5	+6.3	8.5	

Buttons: Set TV, Use CAL, Next, Exit

Whole Blood Calibration

Profile: BLOOD

Use	RBC	SEQ	ID
<input checked="" type="checkbox"/>	3.88	1932	CAL
<input checked="" type="checkbox"/>	3.88	1933	CAL
<input checked="" type="checkbox"/>	3.94	1934	CAL
<input checked="" type="checkbox"/>	3.91	1935	CAL
<input checked="" type="checkbox"/>	3.97	1936	CAL

Mean: 3.92      CV%: 1.0

Orig CAL Factor	New CAL Factor	Target Value	CAL Value
+17.8	+20.5	4.00	

Buttons: Set TV, Use CAL, Next, Exit

Whole Blood Calibration

Profile: BLOOD

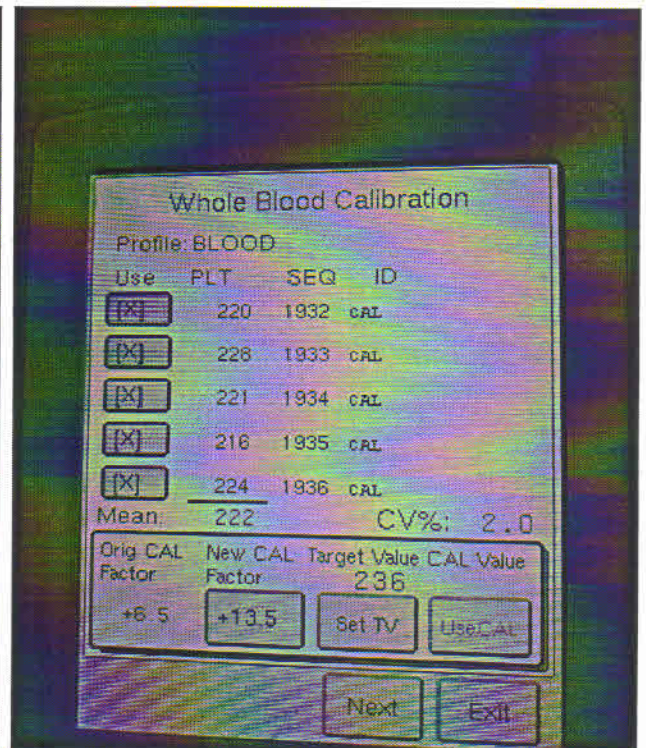
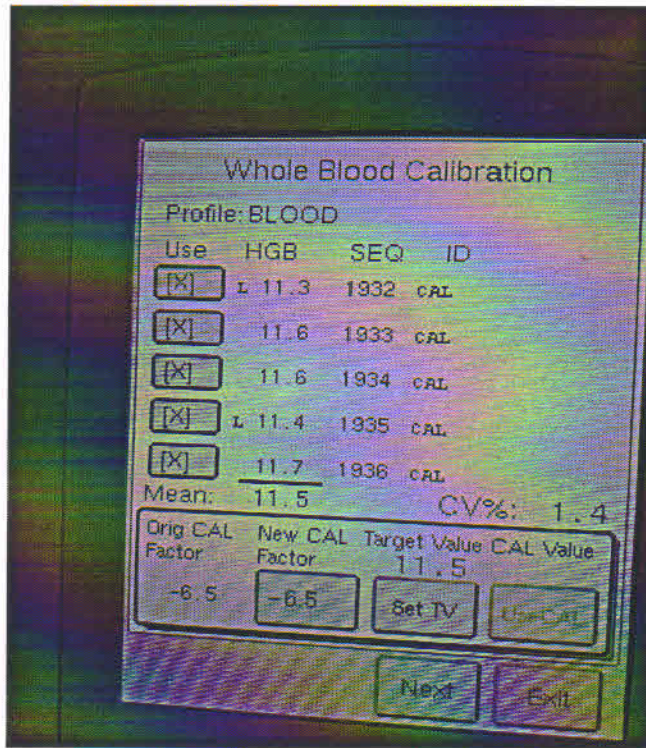
Use	MPV	SEQ	ID
<input checked="" type="checkbox"/>	10.0	1932	CAL
<input checked="" type="checkbox"/>	9.9	1933	CAL
<input checked="" type="checkbox"/>	10.0	1934	CAL
<input checked="" type="checkbox"/>	9.9	1935	CAL
<input checked="" type="checkbox"/>	10.0	1936	CAL

Mean: 10.0      CV%: 0.7

Orig CAL Factor	New CAL Factor	Target Value	CAL Value
-20.7	-15.9	10.6	

Buttons: Set TV, Use CAL, Next, Exit

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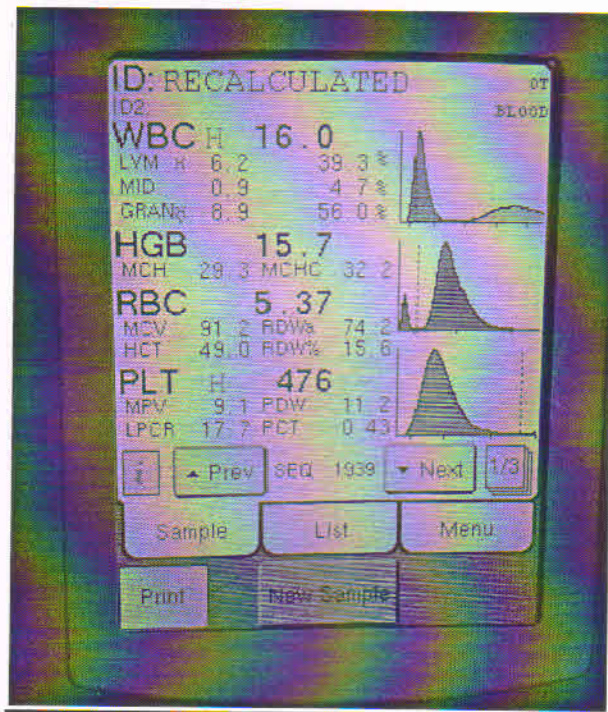
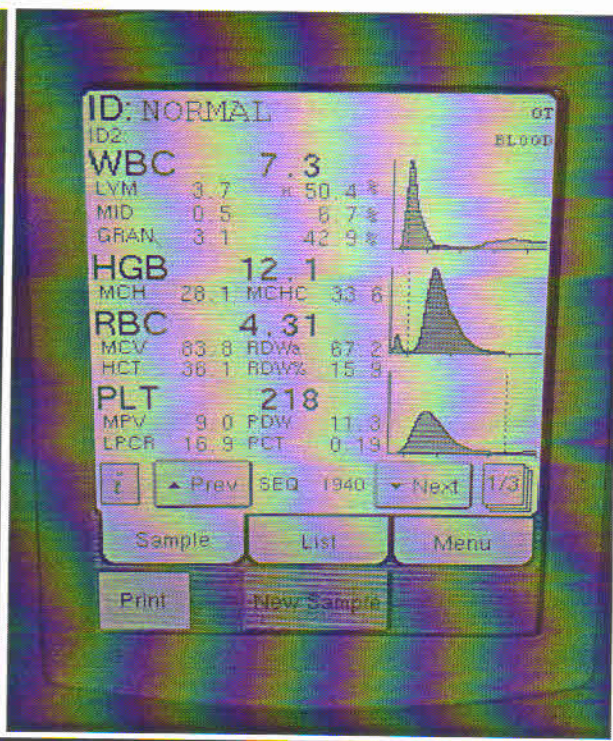
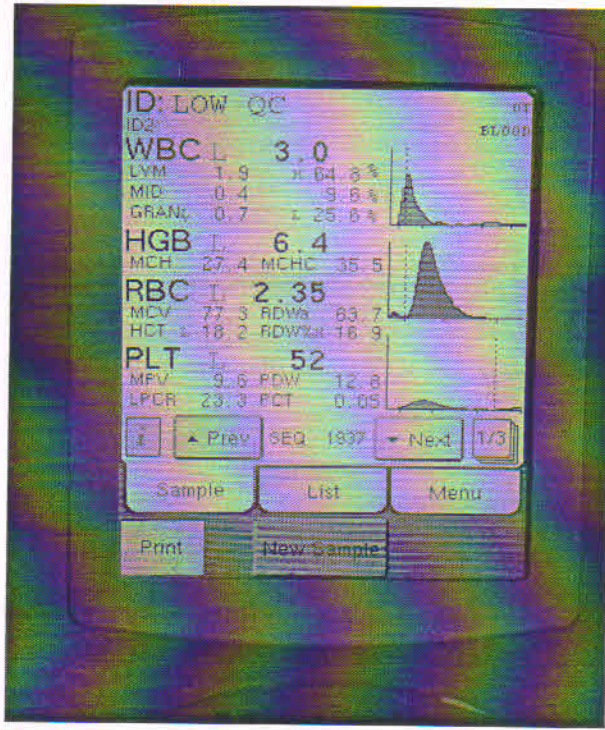


Snapshots of HGB , PLT , WBC , RBC , MPV and MCV report

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(Medonic S.No-4000062)

# Control Report



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**Snapshots of Low ,Normal and High Control(Medonic S.No-400062)**

**CERTIFICATE OF CALIBRATION VERIFICATION**

**Customer Name :** Pathology Lab, District Women Hospital, Pilibhit (U.P.)

**Instrument Name :** Medonic M series      **Model :** M20      **Serial Number :** 1400062

**Calibration done on :** 24-12-2021      **Next Calibration due :** 23-12-2022

**Contact Person:** Dr. Afzal Husain

This is to certify that during its scheduled PMS above mentioned instrument has been verified for its calibration for six CBC parameters i.e. RBC, MCV, PLT, MPV, HGB and WBC in open tube mode after verifying the background run for the machine. Calibration was verified by running three levels of control.



**Calibration and PMS done by :** Gajendra Pratap Singh  
Service Engineer  
POCT Services