



CL MICROMED PVT. LTD.

T-17, OKHLA INDUSTRIAL AREA, PHASE-II, NEW DELHI-110 020,
CIN: U74899DL1987PTC027941
TEL.: 91-11-2638 7262 / 2638 7263, FAX: 91-11- 2638 7264
e-mail: info@clmicromed.com, www.clmicromed.com

Date: 19/11/2020

INSTALLATION REPORT

CUSTOMER'S NAME: ABIRAMI KIDNEY CARE (P) LTD

Address DR. THANGAVELU HOSPITAL

NO: 581, 582, BROUGH ROAD, ERODE-628011

Contact Person DR. T. SARAVANAN M.D. Telephone.....

Instrument BGA+E+Hb Model CombiLine Serial No. CL-2563

Description of job Installed the New Blood Gas + Electrolytes Analyser on Rental Basis in Laboratory Installation & Demonstration Completed Successfully.

Supply voltage: (230V/50Hz) UPS output (230V/50Hz)

Accessories Provided Accessories Box - (1 No. (Including Sensors accessories and Spare Parts))

Persons Trained Mrs. V. Rajeshwari, Mrs. K. Prama, Mrs. R. Manika, Mr. Murali Prakash

ENGINEER'S REMARKS

G.c Results and Samples Results are fine.
Kindly Run Only Heparinized Samples.
Don't Run clotted samples and Insufficient samples. And Follow the SOP. Counter is 48.

CUSTOMER'S COMMENT (IF ANY)

.....
.....

Instrument working OK

Customer's Signature: the

Date: Dr. T. Saravanan, M.D. (Nephrology)
Consultant Nephrologist & Transplant Physician
Reg. No. 76095
Medical Director
Abirami Kidney Care, Erode - 638 011.

Signature of Engineer P. Pragasam
New Delhi 110 020 Engineer's Name
Phone: 8778319483

QUALITY CONTROL Level 1 Art.-No. 50 6 20 41 / 2.0 ml ampoule Lot-No. 200021 Exp.-Date: 07.2022
Expected Ranges Chart

| Product | pH | | | pCO ₂ mmHg | | | | | | pO ₂ mmHg | | | | | | Na ⁺ mmol/L | | | | | | K ⁺ mmol/L | | | | | | Ca ²⁺ mmol/L | | | | | | Cl ⁻ mmol/L | | | | | | U ⁺ mmol/L | | | | | | Glucose mg/dL mmol/L | | | | | | Lactate mg/dL mmol/L | | | | | |
|----------------------------|-------|-------|-------|-----------------------|-----|-----|------|-----|-----|----------------------|-----|-----|------|------|------|------------------------|------|------|------|-----|-----|-----------------------|------|------|------|------|-------|-------------------------|-----|-----|------|------|------|------------------------|-----|-----|------|------|------|-----------------------|-----|-----|-----|--|--|----------------------|--|--|--|--|--|----------------------|--|--|--|--|--|
| | Mean | Min | Max | Mean | Min | Max | Mean | Min | Max | Mean | Min | Max | Mean | Min | Max | Mean | Min | Max | Mean | Min | Max | Mean | Min | Max | Mean | Min | Max | Mean | Min | Max | Mean | Min | Max | Mean | Min | Max | Mean | Min | Max | Mean | Min | Max | | | | | | | | | | | | | | | |
| ESCHWEILER combiline BGA | 7.200 | 7.170 | 7.230 | 58 | 50 | 70 | 89 | 59 | 79 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ESCHWEILER combiline BGA-E | 7.195 | 7.165 | 7.225 | 61 | 45 | 75 | 91 | 59 | 75 | 120 | 115 | 125 | 1.35 | 1.45 | 2.45 | 1.44 | 1.25 | 1.25 | 81 | 75 | 98 | 1.55 | 1.45 | 1.55 | 279 | 15.5 | 154.7 | 189.5 | 11 | 4.2 | 5.0 | 27.0 | 19.0 | 30.4 | 4.3 | 1.5 | 5.0 | 19.5 | 15.0 | 25.0 | 4.2 | 1.0 | 5.0 | | | | | | | | | | | | | | |
| ESCHWEILER modular pro | 7.195 | 7.165 | 7.225 | 68 | 60 | 75 | 83 | 59 | 75 | 120 | 115 | 125 | 1.35 | 1.45 | 2.45 | 1.44 | 1.25 | 1.25 | 81 | 75 | 98 | 1.55 | 1.45 | 1.55 | 279 | 15.5 | 154.7 | 189.5 | 11 | 4.2 | 5.0 | 27.0 | 19.0 | 30.4 | 4.3 | 1.5 | 5.0 | 19.5 | 15.0 | 25.0 | 4.2 | 1.0 | 5.0 | | | | | | | | | | | | | | |
| ESCHWEILER COMBI-SYS II | 7.195 | 7.165 | 7.225 | 61 | 50 | 75 | 91 | 59 | 75 | 120 | 115 | 125 | 1.35 | 1.45 | 2.45 | 1.44 | 1.25 | 1.25 | 81 | 75 | 98 | 1.55 | 1.45 | 1.55 | 279 | 15.5 | 154.7 | 189.5 | 11 | 4.2 | 5.0 | 27.0 | 19.0 | 30.4 | 4.3 | 1.5 | 5.0 | 19.5 | 15.0 | 25.0 | 4.2 | 1.0 | 5.0 | | | | | | | | | | | | | | |
| ESCHWEILER ECOSYS I | 7.200 | 7.170 | 7.230 | 68 | 50 | 75 | 89 | 59 | 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ESCHWEILER ECOSYS II | 7.195 | 7.165 | 7.225 | | | | | | | 120 | 115 | 125 | 1.35 | 1.45 | 2.45 | 1.44 | 1.25 | 1.25 | 81 | 75 | 98 | 1.55 | 1.45 | 1.55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

QUALITY CONTROL Level 2 Art.-No. 50 6 20 51 / 2.0 ml ampoule Lot-No. 200022 Exp.-Date: 07.2022
Expected Ranges Chart

| Product | pH | | | pCO ₂ mmHg | | | | | | pO ₂ mmHg | | | | | | Na ⁺ mmol/L | | | | | | K ⁺ mmol/L | | | | | | Ca ²⁺ mmol/L | | | | | | Cl ⁻ mmol/L | | | | | | U ⁺ mmol/L | | | | | | Glucose mg/dL mmol/L | | | | | | Lactate mg/dL mmol/L | | | | | |
|----------------------------|-------|-------|-------|-----------------------|-----|-----|------|-----|-----|----------------------|-----|-----|------|------|------|------------------------|------|------|------|-----|-----|-----------------------|------|------|------|------|------|-------------------------|-----|-----|------|------|------|------------------------|-----|-----|------|------|------|-----------------------|-----|-----|------|-----|-----|----------------------|--|--|--|--|--|----------------------|--|--|--|--|--|
| | Mean | Min | Max | Mean | Min | Max | Mean | Min | Max | Mean | Min | Max | Mean | Min | Max | Mean | Min | Max | Mean | Min | Max | Mean | Min | Max | Mean | Min | Max | Mean | Min | Max | Mean | Min | Max | Mean | Min | Max | Mean | Min | Max | Mean | Min | Max | Mean | Min | Max | | | | | | | | | | | | |
| ESCHWEILER combiline BGA | 7.385 | 7.365 | 7.415 | 43 | 37 | 49 | 112 | 102 | 120 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ESCHWEILER combiline BGA-E | 7.380 | 7.350 | 7.410 | 45 | 37 | 49 | 111 | 102 | 120 | 129 | 124 | 144 | 4.35 | 3.55 | 4.55 | 3.37 | 3.37 | 1.17 | 105 | 95 | 105 | 3.35 | 3.35 | 1.35 | 3.45 | 1.35 | 1.35 | 198 | 198 | 198 | 28.2 | 19.5 | 25.4 | 2.31 | 2.1 | 2.7 | 28.2 | 19.5 | 25.4 | 2.31 | 2.1 | 2.7 | | | | | | | | | | | | | | | |
| ESCHWEILER modular pro | 7.380 | 7.350 | 7.410 | 43 | 37 | 49 | 112 | 102 | 120 | 129 | 124 | 144 | 4.35 | 3.55 | 4.55 | 3.37 | 3.37 | 1.17 | 105 | 95 | 105 | 3.35 | 3.35 | 1.35 | 3.45 | 1.35 | 1.35 | 198 | 198 | 198 | 28.2 | 19.5 | 25.4 | 2.31 | 2.1 | 2.7 | 28.2 | 19.5 | 25.4 | 2.31 | 2.1 | 2.7 | | | | | | | | | | | | | | | |
| ESCHWEILER COMBI-SYS II | 7.380 | 7.350 | 7.410 | 43 | 37 | 49 | 112 | 102 | 120 | 129 | 124 | 144 | 4.35 | 3.55 | 4.55 | 3.37 | 3.37 | 1.17 | 105 | 95 | 105 | 3.35 | 3.35 | 1.35 | 3.45 | 1.35 | 1.35 | 198 | 198 | 198 | 28.2 | 19.5 | 25.4 | 2.31 | 2.1 | 2.7 | 28.2 | 19.5 | 25.4 | 2.31 | 2.1 | 2.7 | | | | | | | | | | | | | | | |
| ESCHWEILER ECOSYS I | 7.385 | 7.355 | 7.415 | 43 | 37 | 49 | 112 | 102 | 120 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ESCHWEILER ECOSYS II | 7.380 | 7.350 | 7.410 | | | | | | | 129 | 124 | 144 | 4.35 | 3.55 | 4.55 | 3.37 | 3.37 | 1.17 | 105 | 95 | 105 | 3.35 | 3.35 | 1.35 | 3.45 | 1.35 | 1.35 | 198 | 198 | 198 | 28.2 | 19.5 | 25.4 | 2.31 | 2.1 | 2.7 | 28.2 | 19.5 | 25.4 | 2.31 | 2.1 | 2.7 | | | | | | | | | | | | | | | |

QUALITY CONTROL Level 3 Art.-No. 50 6 20 61 / 2.0 ml ampoule Lot-No. 200023 Exp.-Date: 07.2022
Expected Ranges Chart

| Product | pH | | | pCO ₂ mmHg | | | | | | pO ₂ mmHg | | | | | | Na ⁺ mmol/L | | | | | | K ⁺ mmol/L | | | | | | Ca ²⁺ mmol/L | | | | | | Cl ⁻ mmol/L | | | | | | U ⁺ mmol/L | | | | | | Glucose mg/dL mmol/L | | | | | | Lactate mg/dL mmol/L | | | | | |
|----------------------------|-------|-------|-------|-----------------------|-----|-----|------|-----|-----|----------------------|-----|-----|------|------|------|------------------------|------|------|------|-----|-----|-----------------------|------|------|------|-----|-----|-------------------------|-----|-----|------|-----|-----|------------------------|------|------|------|-----|-----|-----------------------|------|------|------|-----|-----|----------------------|--|--|--|--|--|----------------------|--|--|--|--|--|
| | Mean | Min | Max | Mean | Min | Max | Mean | Min | Max | Mean | Min | Max | Mean | Min | Max | Mean | Min | Max | Mean | Min | Max | Mean | Min | Max | Mean | Min | Max | Mean | Min | Max | Mean | Min | Max | Mean | Min | Max | Mean | Min | Max | Mean | Min | Max | Mean | Min | Max | | | | | | | | | | | | |
| ESCHWEILER combiline BGA | 7.590 | 7.575 | 7.630 | 25 | 21 | 29 | 174 | 164 | 184 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ESCHWEILER combiline BGA-E | 7.585 | 7.565 | 7.630 | 25 | 21 | 29 | 174 | 164 | 184 | 158 | 151 | 160 | 8.35 | 8.40 | 1.40 | 3.54 | 3.44 | 1.54 | 120 | 118 | 128 | 2.35 | 2.35 | 2.35 | 1.30 | 0.5 | 4.0 | 1.4 | 1.0 | 1.0 | 198 | 198 | 198 | 28.2 | 19.5 | 25.4 | 2.31 | 2.1 | 2.7 | 28.2 | 19.5 | 25.4 | 2.31 | 2.1 | 2.7 | | | | | | | | | | | | |
| ESCHWEILER modular pro | 7.590 | 7.565 | 7.630 | 25 | 21 | 29 | 174 | 164 | 184 | 158 | 150 | 160 | 8.35 | 8.40 | 1.40 | 3.54 | 3.44 | 1.54 | 120 | 118 | 128 | 2.35 | 2.35 | 2.35 | 1.30 | 0.5 | 4.0 | 1.4 | 1.0 | 1.0 | 198 | 198 | 198 | 28.2 | 19.5 | 25.4 | 2.31 | 2.1 | 2.7 | 28.2 | 19.5 | 25.4 | 2.31 | 2.1 | 2.7 | | | | | | | | | | | | |
| ESCHWEILER COMBI-SYS II | 7.585 | 7.565 | 7.630 | 25 | 21 | 29 | 174 | 164 | 184 | 158 | 150 | 160 | 8.35 | 8.40 | 1.40 | 3.54 | 3.44 | 1.54 | 120 | 118 | 128 | 2.35 | 2.35 | 2.35 | 1.30 | 0.5 | 4.0 | 1.4 | 1.0 | 1.0 | 198 | 198 | 198 | 28.2 | 19.5 | 25.4 | 2.31 | 2.1 | 2.7 | 28.2 | 19.5 | 25.4 | 2.31 | 2.1 | 2.7 | | | | | | | | | | | | |
| ESCHWEILER ECOSYS I | 7.590 | 7.575 | 7.630 | 25 | 21 | 29 | 174 | 164 | 184 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ESCHWEILER ECOSYS II | 7.585 | 7.565 | 7.630 | | | | | | | 158 | 150 | 160 | 8.35 | 8.40 | 1.40 | 3.54 | 3.44 | 1.54 | 120 | 118 | 128 | 2.35 | 2.35 | 2.35 | 1.30 | 0.5 | 4.0 | 1.4 | 1.0 | 1.0 | 198 | 198 | 198 | 28.2 | 19.5 | 25.4 | 2.31 | 2.1 | 2.7 | 28.2 | 19.5 | 25.4 | 2.31 | 2.1 | 2.7 | | | | | | | | | | | | |