

Registered One:

BioSystems Diagnostics Pvt Ltd.,
A4, SIPCOT Industrial Park, Irungatukotai,
Thandalam Village, Sriperumbudw - 602105.
Ph: *91 - 44 - 3034 1911 12/13
E-mail: customersupport@biosystems.in
Website: was.biosystems.in
CIN - U29297TN2003PTC051492



Date: 2.09.2023

CALIBRATION CERTIFICATE OF BA400

CUSTOMER NAME — GOVT DISTRICT HOSPITAL VIDISHA M.P.

Serial Number — 834001929

Firmware V 4.02.3

User Software = 5.4.3

Initialization Motor

Vertical Motors — S /R /R2 in HomePolar

Motors — S /R1 /R2 in Home Reaction

Rotor in home

Sample /Reagent rotor in Home

Ceramic Dispensing pump — S/ R1 /R2 in Home

Optical Initialization: Ok

Auto adjustment of the probe is done

Peltier cells and drivers test

Rotor Puffier/ Reagent Rotor peltier driver test: Ok

Temperature system initialized

LED test: ok

Hardware completely initialized

| Paremers | Current value | Minimum | Maximum |
|--------------------------------------|---------------|---------|---------|
| Reading reference Position - Well I | 7895 | 7860 | 7905 |
| Washing Solution Tank 0 | 1 | -5 | 5 |
| Washing Solution Tank 50 | 47 | 40 | 60 |
| Washing Solution Tank 100 | 97 | 95 | 105 |
| Waste Tank 0 | -1 | -5 | 5 |
| Waste Tank 50 | 59 | 40 | 60 |
| Waste Tank 100 | 102 | 95 | 105 |
| Thermal adjustment of reaction rotor | 37.4 | 36.0 | 39.0 |
| Thermal adjustment of Waste station | 48 | 44 | 50 |

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| | | | |
|--------------------------------------|--------|--------|---------|
| Thermal adjustment of reagent tip 1 | 37 | 36 | 39 |
| Thermal adjustment of reagent tip 2 | 38 | 36 | 39 |
| LED 340NM intensity reference value | 6589 | 6000 | 25000 |
| LED 405NM intensity reference value | 14015 | 1 4000 | 30000 |
| LED 505 NM intensity reference value | 15423 | 1 2000 | 30000 |
| LED 535 NM intensity reference value | 4744 | 4000 | 30000 |
| LED 560 NM intensity reference value | 3246 | 3000 | 1 5000 |
| LED 600 NM intensity reference value | 1 6405 | 6000 | 25000 |
| LED 635 NM intensity reference value | 7217 | 6000 | 20000 |
| LED 670 NM intensity reference value | 6328 | 4000 | 15500 |
| Photometric Dark Current Adjustment | 4014 | 3300 | 4100 |
| Main Photo Diode Counts 340NM | 88835 | 231903 | 950000 |
| Main Photo Diode Counts 405NM | 919913 | 755681 | 950000 |
| Main Photo Diode Counts 505 NM | 867802 | 785681 | 950000 |
| Main Photo Diode Counts 535 NM | 893934 | 660459 | 950000 |
| Main Photo Diode Counts 560 NM | 900989 | 613854 | 950000 |
| Main Photo Diode Counts 600 NM | 899918 | 635308 | 9.50000 |
| Main Photo Diode Counts 635 NM | 898105 | 702010 | 950000 |
| Main Photo Diode Counts 670 NM | 896862 | 672428 | 950000 |

Next calibration due on: 01-09-2024

For BIOSYSTEMS DIAGNOSTICS LTD.

Authorised Signatory



Corporate Office:

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