

Registered One:

BioSystems Diagnostics Pvt Ltd.,
A4, SIPCOT Industrial Park, Irungattukotai,
Thandalam Village, Sriperumbudw - 602105.
Pb: *91 - 44 - 3034 191t 12 /13
E-mail: customersupport@biosytems.in
Website: was.biosystems.in
CIN - U29297TN2003PTC05I492



Date: 23.06.2023

CALIBRATION CERTIFICATE OF BA400

CUSTOMER NAME — Jai Prakash hospital 1250 (District hospital Bhopal)

Serial Number — 834001918

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

Paremeters	Current value	Minimum	Maximum
Reading reference Position - Well I	7895	7860	7905
Washing Solution Tank 0	1	-5	5
Washing Solution Tank 50	42	40	60
Washing Solution Tank 100	97	95	105
Waste Tank 0	-1	-5	5
Waste Tank 50	56	40	60
Waste Tank 100	103	95	105
Tlieriial adjustment of reaction rotor	37.7	36.0	39.0
Thermal adjustment of Wasii 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	6581	6000	25000
LED 405NM intensity reference value	14014	1 4000	30000
LED 505 NM intensity reference value	15422	1 2000	30000
LED 535 NM intensity reference value	4745	4000	30000
LED 560 NM intensity reference value	3246	3000	1 5000
LED 600 NM intensity reference value	1 6408	6000	25000
LED 635 NM intensity reference value	7214	6000	20000
LED 670 NM intensity reference value	6326	4000	15500
Photometric Dark Current Adjustment	4015	3300	4100
Main Photo Diode Counts 340NM	88836	231903	950000
Main Photo Diode Counts 405NM	919915	755681	950000
Main Photo Diode Counts 505 NM	867808	785681	950000
Main Photo Diode Counts 535 NM	893935	660459	950000
Main Photo Diode Counts 560 NM	900986	613854	950000
Main Photo Diode Counts 600 NM	899914	635308	9.50000
Main Photo Diode Counts 635 NM	898103	702010	950000
Main Photo Diode Counts 670 NM	896862	672428	950000

Next calibration due on: **22-06-2024**

For BIOSYSTEMS DIAGNOSTICS LTD.

For Anil

Authorised Signatory



Corporate Office:

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