

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



**Date: 27.06.2023**

**CALIBRATION CERTIFICATE OF BA400**

**CUSTOMER NAME — GOVT CIVIL HOSPITAL ASTHA M.P**

Serial Number — 834002188

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	7893	7860	7905
Washing Solution Tank 0	1	-5	5
Washing Solution Tank 50	46	40	60
Washing Solution Tank 100	98	95	105
Waste Tank 0	-1	-5	5
Waste Tank 50	55	40	60
Waste Tank 100	102	95	105
Thermal 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	6586	6000	25000
LED 405NM intensity reference value	14013	14000	30000
LED 505 NM intensity reference value	15422	12000	30000
LED 535 NM intensity reference value	4741	4000	30000
LED 560 NM intensity reference value	3242	3000	15000
LED 600 NM intensity reference value	16408	6000	25000
LED 635 NM intensity reference value	7214	6000	20000
LED 670 NM intensity reference value	6327	4000	15500
Photometric Dark Current Adjustment	4019	3300	4100
Main Photo Diode Counts 340NM	88834	231903	950000
Main Photo Diode Counts 405NM	91992	755681	950000
Main Photo Diode Counts 505 NM	867804	785681	950000
Main Photo Diode Counts 535 NM	893932	660459	950000
Main Photo Diode Counts 560 NM	900983	613854	950000
Main Photo Diode Counts 600 NM	899917	635308	950000
Main Photo Diode Counts 635 NM	898108	702010	950000
Main Photo Diode Counts 670 NM	896862	672428	950000

Next calibration due on: 26-06-2024

For BIOSYSTEMS DIAGNOSTICS LTD.

*for Anilak*  
Authorised Signatory



**Corporate Office:**

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