



COBAS® Integra 400 Plus Preventive Maintenance Checklist

Account Name: Dr DP Rastogi CRIH , Noida Type: Half Yearly  
 Instrument S/N: 420468 Date: 26/02/24  
 Case ID CAS-0019632961 PM Communication Yes ISE Active No

Sequence Item/Procedure	FSE Action	Remarks (if any)
<b>* Things to be Clean</b>		
1 Analyser Area	Yes	
2 Cuvette Transport Area	Yes	
3 Robotic Transfer Area	Yes	
4 Fluid and Pipetting Area	Yes	
5 Rack Area and Cooling Unit Area	Yes	
6 Power Supply Main	Yes	
7 Photometer Lens and Housing	Yes	
8 ISE Module Area	Yes	
9 Controller Rack	Yes	
10 Datastation	Yes	
<b>Things to be Lubricate</b>		
1 All Workstations	Yes	
2 X- and Y-Transfer Guide Rails	Yes	
3 Transfer-Head Linear Bearing and Worm Gears	Yes	
4 Wash Syringe, Toothed bar Cogs, Bearing Sharfts	Yes	
<b>* Things to be Replace</b>		
1 Halogen Lamp	Yes	
2 Filter Ligacon	Yes	
3 Ligacon Filter of the Air Pump(ISE Only)	Not Applicable	
4 Filter Water Sterapore-H	Yes	
5 ISE Module tubing	Not Applicable	
6 Cooling Box Fluid Filter	Yes	
7 Seal Teflon 250uL	Yes	
8 Seal Cap Pipette	Yes	
9 Seal Inlet Filter, D7/11.5x4	Yes	
10 Seal Bal D9/12x2.5(Wash Seal)	Yes	
11 Spring Washers	Yes	
12 Seal Quad Ring(ISE Only)	Not Applicable	
<b>* Things to be Inspect</b>		
1 All Tubes, Connectors, Fittings, Vacuum Pump	Yes	
2 Fans of the Fan Assembly Power Supply Main	Yes	
3 Kit Belt Analyzer Motor	Yes	
4 X-Motor Belt	Yes	
5 Pivot Lever	Yes	
6 Shock absorber (Auxiliary Front Panel)	Yes	
<b>* Things to Adjust</b>		
1 Dry and Mix pressures(With ISE Only)	Not Applicable	
<b>* Post PM Check</b>		
1 Check ABS Halogen Lamp	Yes	
2 Cuvette Transport	Yes	
3 Analyzer Rotor Init. Position	Yes	
4 Workstation Accuracy	Yes	
5 Abs Air/Water Calibration	Attach Printout	
6 Init Position Accuracy	Yes	
7 Prime ISE and conditioning of ISE tubings	Not Applicable	
8 Check ISE Performance	Attach Printout	
9 ISE Washtime M85.1	Attach Printout	
10 Pipetting Accuracy Check	Attach Printout	
11 QC Check (Few Parameters)	Attach Printout	

FSE Name : Devendra Mani Bharti FSE Signature :  
 Customer Name: Dr Satvinder Customer Signature & Seal

डा. सतीवन्दर सिंह / Dr. SATVINDER SINGH  
 अनुसंधान अधिकारी (संशोधन) / Research Officer (Biochemistry)/Scientist-I  
 डी.डी.पी.आर. केन्द्रीय होम्योपैथिक अनुसंधान संस्थान /  
 D.D.P.R. Central Research Institute of Homoeopathy  
 रोस्ट अर्धद्वीप, कार्डिनल क्रॉसरोड /  
 Rood Amphien East, Mumbai 400069  
 केन्द्रीय होम्योपैथी अनुसंधान परिषद /  
 Central Council for Research in Homoeopathy  
 आयुष मंत्रालय, भारत सरकार / Ministry of AYUSH, Govt of India  
 ए-1/1, सेक्टर-24, नोएडा / A-1/1, Sector-24, Noida

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Transasia Bio-Medicals Ltd., 109-110, 1st Floor8, Deep Shikha Building, Rajendra Place, New Delhi - 110 008  
011 - 25732223 Fax: 011-25785451 Email: nz1@transasia.co.in CIN: U33110MH1985PLC036198



Calibration Certificate

Customer Name : Dr DP Rastogi CRIH Noida

Address Of Customer : CRIH Noida Sec 24 Noida UP 201301

Model : EC 90

Serial No. : 4566-2-202209

Calibration Done Date : 08/02/2024

Calibration Due Date : On or Before 08/02/2024

*This is to certify that we have calibrated the Electrolyte Analyzer Model : EC 90 bearing Sr. No. 4566-2-202209 and on inspection of the Cal Values of instrument it is observed that the results are well within the range and instrument is working fine*

Thanking you,

For

Transasia Bio-Medicals Ltd.

Rahul Kumar

Sr. Service Engineer

*Rahul Kumar*

www.transasia.co.in



HO : Transasia Bio - Medicals Ltd., Transasia House, 8 Chandivali Studio Road, Andheri (E), Mumbai - 400 072,