

# Ortho Clinical Diagnostics

403, Leela Business Park, Andheri Kurla Road,  
Andheri East, Mumbai – 400059  
T : +91 22 6787 9300  
F : +91 22 6787 9333

## CALIBRATION CERTIFICATE

CERTIFICATE NO: OCD/TESLAK/001

CALIBRATION DATE : 24/02/2022

CALIBRATED FOR: SRI SIVA HEALTHCARE UNIT (TESLA KARMANGHAT)

CALIBRATION DUE : 23/02/2023

LOCATION : LAB

CALIBRATED : AT SITE

### SPECIFICATION OF INSTRUMENT:

INSTRUMENT	MODEL	SERIAL NO
VITROS CHEMISTRY SYSTEM	VITROS 250	2501-4001
	J NUMBER	J25014001

### *Specification of Software:*

SOFTWARE NAME	SOFTWARE VERSION	UPDATED ON
<i>DOS Rmx os</i>	<i>V9.7</i>	<i>OCT 2021</i>

*The Reference of Calibration:* The performance/Adjustments of various subsystems has been calibrated/tested by trained site engineer with pre-designed /calibrated tools provided for the particular subsystems by the company.

### Subsystem Name

### Verified

#### 1. Sample Supply

##### Mechanical Adjustment:

- \* Sample Supply Hinge
- \* Tray Transport Arm Height
- \* Gear Plate
- \* Tray Arm Position Sensor
- \* Hook Drive Belt



##### Software Adjustment:

- \* Tray Transport Hook Position



#### 2. Slide Supply 1, 2 & slide transport

##### Mechanical Adjustment:

- \* Dispense Blade Centering Adjustment
- \* Dispense Blade Drive Belt Tension
- \* Plunger Centering Alignment
- \* Inner & Outer Cartridge Release Mechanism



##### Software Adjustment:

- \* Dispense To Metering Position



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## 3. Sample Metering

### Mechanical Adjustment:

- \* Truck Sensor
- \* Truck Guide Button
- \* Metering Truck



### Software Adjustment:

- \* Tip Pickup X,Y and Height
- \* Sample Tray at Sample Position –Auto Sample Tray
- \* Proboscis Centering and Sample Cup Depth
- \* Mixing Cup X,Y and its Depth
- \* Diluents Tray
- \* Rate / Colorimetric Metering Position
- \* Potentiometric Metering Position
- \* Proboscis Compression
- \* Wetness Detector



## 4. ERF Metering

### Mechanical Adjustment:

- \* Mounting Plate al
- \* Reservoir Housing
- \* Drive Gear - BackSlash



## 5. IR Wash Metering

### Mechanical Adjustment:

- \* Mounting Plate al
- \* Reservoir Housing
- \* Pump Flag
- \* Tip Locator CAM Spring Tension Adjustment
- \* Immuno Wash Metering Position



## 6. Slide Incubator

### Mechanical Adjustment:

- \* Incubator Height
- \* Eject Blades and Pinion Gears– Back slash
- \* Transfer Shuttle Motor and Pinion Gear – Back Slash



### Software Adjustment:

- \* Incubator Disk Sizing
- \* Incubator Disk Stopping
- \* PM Slide Insertion Depth
- \* Slide Read Position (RT/CM Depth & Read Sync)
- \* Potentiometric Eject Blade Depth



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## 7. Reflectometer

- \* IRIS Lamp Output Voltage
- \* Lamp Voltage
- \* Correction Factor



## 8. Electrometer

- \* Holding Spring



## 9 . Master Computer

- \* Touch Screen Calibration
- \* System Full Backup
- \* Configure Printer



## CALIBRATED BY

R. Raghavendra rao  
Ortho Care  
(Sr.Zonal Manager - Service Support )  
Ortho Clinical Diagnostics

## NOTE:

1. This certificate refers only to the particular item submitted for calibration.
2. The calibration result reported in the certificate is valid at the time of and under the stated condition of the measurement.