# 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/APTA/003 CALIBRATION DATE: 23/07/2022 CALIBRATED FOR: APTA IMAGING P.LTD, VIJAYAWADA CALIBRATION DUE: 22/07/2023 LOCATION: LAB CALIBRATED: AT SITE

SPECIFICATION OF INSTRUMENT:

INSTRUMENT	MODEL	SERIAL NO
VITROS CHEMISTRY	VITROS 250	27001430
System	J Number	J2700-1430

Specification of Software:

SOFTWARE NAME	SOFTWARE VERSION	UPDATED ON
DOS Rmx os	V9.7	Sep 2019

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

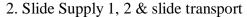
1. Sample Supply

Mechanical Adjustment:

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

Software Adjustment:

\* Tray Transport Hook Position



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



# Ortho Clinical Diagnostics

403, Leela Business Park, Andheri Kurla Road, Andheri East, Mumbai – 400059

T: +91 22 6787 9300 F: +91 22 6787 9333

#### 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
- \* Potentiometeric 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



# Ortho Clinical Diagnostics

403, Leela Business Park, Andheri Kurla Road, Andheri East, Mumbai – 400059

T: +91 22 6787 9300 F: +91 22 6787 9333

6	Sli	de	In	CH	ha	tor
	'J 11				1111	

Mechanical Adjustment:

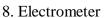
- \* Incubator Height
- \* Eject Blades and Pinion Gears-Back slash
- \* Transfer Shuttle Motor and Pinion Gear Back Slash

#### Software Adjustment:

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

#### 7.Reflectometer

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



\* Holding Spring



#### 9. Master Computer

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



# CALIBRATED BY

SIRIGOUNI ADINARAYANA

(Service engineer)

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.