

## Preventive Maintenance Form-IH500

Customer Name: \_\_\_\_\_

Date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Instrument s/n: \_\_\_\_\_

Next Maintenance: \_\_\_\_ / \_\_\_\_

Last Update: 20.03.2018

### 1. Initial Check

General appearance	<input type="checkbox"/> Checked
UPS battery and connector inspection	<input type="checkbox"/> Checked
Front doors (electromagnetic latch, red pin, sample rack led board)	<input type="checkbox"/> Checked

### 2. Software and Computer

Acronis image present on Main PC	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
OS (Operating System)	<input type="checkbox"/> Checked	<input type="checkbox"/> Replaced	Windows version: _____
Software version IH-500	<input type="checkbox"/> Checked	<input type="checkbox"/> Replaced	Version: _____
System start-up without errors	<input type="checkbox"/> Checked	Comments:	
Hard disk available space on Main PC	<input type="checkbox"/> Checked	Free space: _____ GB (min 100GB)	
Snapshot created on an external drive	<input type="checkbox"/> Checked	Comments:	
Check disk for errors	<input type="checkbox"/> Checked	Comments:	

### 3. Transport arm

Chapter / Procedure Number			
Visual control	Check Gripper legs	6.7.1	<input type="checkbox"/> OK
Functional control	Tool reference calibration	6.8.5	<input type="checkbox"/> OK
Replace if necessary	Gripper spiral cable	IH-500 RP-0595047	<input type="checkbox"/> Replaced

### 4. Vision station

Chapter / Procedure Number			
Cleaning	Camera lens	6.6.1	<input type="checkbox"/> OK
Cleaning	Backlight	6.6.2	<input type="checkbox"/> OK
Functional control	Aperture	6.6.2	<input type="checkbox"/> OK

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## 5. Gel card piercer / Ionizer

	Chapter / Procedure Number		
Cleaning	Gel card piercing tip	6.5.1	<input type="checkbox"/> OK
Decontamination	Gel card piercing tip	6.5.1	<input type="checkbox"/> OK
Visual control	Gel card piercing tip	6.7.2	<input type="checkbox"/> OK
Functional control	Gel card piercing tip	6.8.1	<input type="checkbox"/> OK
Functional control	Ionizer	6.8.2	<input type="checkbox"/> OK

## 6. Diluents piercing

	Chapter / Procedure Number		
Cleaning	Diluent piercing tip	6.5.1	<input type="checkbox"/> OK
Decontamination	Diluent piercing tip	6.5.1	<input type="checkbox"/> OK
Visual control	Diluent piercing tip	6.7.2	<input type="checkbox"/> OK
Functional control	Diluent piercing tip	6.8.1	<input type="checkbox"/> OK

## 7. Pipetting area

	Chapter / Procedure Number		
Cleaning	Washing station	6.6.3	<input type="checkbox"/> OK
Cleaning	Needle localization hole	6.6.5	<input type="checkbox"/> OK
Decontamination	Needle localization hole	6.6.5	<input type="checkbox"/> OK
Functional control	Reagent holder spring	6.8.3	<input type="checkbox"/> OK
Functional control	Sample tube holder spring V2	6.8.4	<input type="checkbox"/> OK
Replace if necessary	Sampling needle	IH-500 RP-0595004	<input type="checkbox"/> Replaced
Replace if necessary	Level detection cable	IH-500 RP-0595048	<input type="checkbox"/> Replaced
Replace if necessary	Faradized vein	IH-500 RP-0595129	<input type="checkbox"/> Replaced

## 8. Liquid container area and fluidic system

Cleaning	Intermediate tank area	6.3	<input type="checkbox"/> OK
Cleaning	Liquid container area	6.6.3	<input type="checkbox"/> OK
Decontamination	Intermediate tank area	6.3	<input type="checkbox"/> OK
Decontamination	Liquid container area	6.6.3	<input type="checkbox"/> OK
Visual control	TU10, TU11, TU12 & TU13 Liquid waste tubing	6.7.4	<input type="checkbox"/> OK
Visual control	Quick connections	6.7.4	<input type="checkbox"/> OK
Replace if necessary	Intermediate tank	IH-500 RP-0595116	<input type="checkbox"/> Replaced
Replace if necessary	Fluidic filter 25 micron	IH-500 RP-0595058	<input type="checkbox"/> Replaced

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## 9. Centrifuges module with cooling

		Chapter / Procedure Number	
Cleaning	Centrifuges	6.6.6	<input type="checkbox"/> OK
Visual control	Centrifuges	6.7.3	<input type="checkbox"/> OK
Visual control	Rubber seal	6.7.3	<input type="checkbox"/> OK
Centrifuge speed	Expected speed	Measured speed	
Front centrifuge	1008 rpm $\pm$ 5 rpm	rpm	מס' מד אב:
Rear centrifuge	1008 rpm $\pm$ 5 rpm	rpm	
Anti-clockwise direction (Both centrifuges)			<input type="checkbox"/> OK
Rise of ID-Cards holders (Both centrifuges)			<input type="checkbox"/> OK

## 10. Reagent cooling

Measuring point	Expected temperature	Measured temperature	
Front measuring point	13 $\pm$ 1°C	°C	מס' מד אב:
Rear measuring point	13 $\pm$ 1°C	°C	

## 11. Incubator

Measuring point	Expected temperature	Measured temperature	
Front measuring point	38.5 $\pm$ 1°C	°C	
Rear measuring point	38.5 $\pm$ 1°C	°C	

## 12. Consumable drawers

Chapter / Procedure Number			
Functional control	Left drawer	6.8.6	<input type="checkbox"/> OK
Functional control	Right drawer	6.8.6	<input type="checkbox"/> OK

### Comment:

Parts replaced:		
Serial number:	Description:	Quantity:

Service Engineer Name:

Service Engineer signature: