

1) Customer Information

Customer:	<i>SSI Århus</i>
WO-Number:	<i>WO-01259282</i>
Date:	<i>23/02-2022</i>
Instrument S/N:	<i>785BR25980</i>
Block S/N:	<i>RN102163</i>
Model:	<input type="checkbox"/> CFX96/384 <input checked="" type="checkbox"/> CFX96/384Touch <input type="checkbox"/> CFX Connect <input type="checkbox"/> CFX96T DeepWell



2) System Version & Cleaning (Refer to the last version of the service manual 10013582 for CFX96/384, 10025000 for CFX96/384 Touch and 10022644 for CFXConnect)

Description	Current Version (Update to the last if necessary)
CFX Maestro	<i>1.1</i>
PXA270	<i>1.102.548.801</i>
HC12	<i>2.0.231.0</i>
FX2	<i>1.35.0.0</i>
8051	<i>54.0.0.0</i>
DSP	<i>1.124.0.0</i>

CFX96/384: service manual section 4.6 and 4.11
CFX96/384 Touch: service manual section 4.8
CFX Connect: service manual section 4.8
CFX Manager installation: each service manual section 3.8

1) Clean the optical module
(Clean the cooling fins and housing from dust and reference spots)
(each service manual section 5.3.1)

Pass Fail

2) Clean the thermal cycler Pass Fail
(Remove dust from inside the thermal cycler base)
(each service manual section 5.3.2)

Pass Fail

3) System Verification (Refer to the last version of the service manual 10013582 for CFX96/384, 10025000 for CFX96/384 Touch and 10022644 for CFXConnect)

3.1) Test alpha with Alpha Tester Board Fixture

CFX96/384: service manual section 4.4
CFX96/384 Touch: service manual section 4.4
CFX Connect: service manual section 4.5

Pass Fail

3.2) Start up and self-test

CFX96/384: service manual section 4.5
CFX96/384 Touch: service manual section 4.5
CFX Connect: service manual section 4.6

Pass Fail

3.3) Perform C1000 or C1000T Diagnostic Test

CFX96/384: service manual section 4.8
CFX96/384 Touch: service manual section 4.5.1
Caution: Diagnostic test not applicable for CFX Connect

Pass Fail

3.4) Instrument System Test

CFX96/384: service manual section 4.12
CFX96/384 Touch: service manual section 4.9
CFX Connect: service manual section 4.9

Pass Fail

3.5) Perform Thermal Validation

CFX96/384: service manual section 4.17
CFX96/384 Touch: service manual section 4.14
CFX Connect: service manual section 4.14

Pass Fail

3.6) Block Temperature verification

CFX96/384: service manual section 4.17
CFX96/384 Touch: service manual section 4.14
CFX Connect: service manual section 4.14

<input type="checkbox"/> 96 Well standard and 96 deep well block			
Measurement	Measured value	Specification	Result
Accuracy @ 90 °C	0.2	+/- 0.2 °C	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Uniformity @90 °C	0.5	≤ 0.8 °C	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Lid @ 105 °C	104	+/- 5 °C	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
<input type="checkbox"/> 384 Well standard block			
Measurement	Measured value	Specification	Result
Accuracy @ 90 °C		+/- 0.2 °C	<input type="checkbox"/> Pass <input type="checkbox"/> Fail
Uniformity @90 °C		≤ 0.8 °C	<input type="checkbox"/> Pass <input type="checkbox"/> Fail
Lid @ 105 °C		+/- 5 °C	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

4) COVID Qualification completed

Pass Fail

The system has been tested and validated and meets all system specifications.

Comments:

Bio-Rad FSE: Hamid Mostaghimi
(Signature)