



Biosciences

# LI-COR Service Report

RMA 00230771

RMA Received on: 09/15/2021

**Customer Information:**

University of California - Berkeley  
BERKELEY, CA 94720-3114  
UNITED STATES

Joseph Verfaillie  
jverfail@berkeley.edu

<b>Description of Service</b>						
<u>Serial #</u>	<u>Part</u>	<u>Qty</u>	<u>Parts Total</u>	<u>Labor Hrs.</u>	<u>Labor Total</u>	<u>Line Item Subtotal</u>
75H-0073	7500-904 : CHOPPER MOTOR FACTORY (LI-7500/A, 7200)	1	\$ 1050.00			\$ 1050.00
75H-0073	7500-905 : DETECTOR REPLACEMENT	1	\$ 400.00			\$ 400.00
75H-0073	9972-019 : LAMP ASSEMBLY	1	\$ 85.00			\$ 85.00
75H-0073	7500CAL : RECALIBRATION (LI-7500/A/RS/DS)	1	\$ 0.00			\$ 0.00
<b>*TOTAL:</b>						<b>\$1,535.00</b>

*\*Total does NOT include shipping charges. They will be prepaid and added to the final invoice. All values are in US Dollars.*

**Notes on Charges:**

<b>RMA Model &amp; Serial Number(s)</b>	
<u>Model</u>	<u>Serial Number</u>
LI-7500 Head (75H)	75H-0073

<b>Service Notes</b>
Inspected the unit and found it in operational condition. Replaced the chopper motor, the detector and the light source. Subjected the unit to environmental tests and calibrated.

LI-COR Biosciences  
4647 Superior Street  
Lincoln, NE 68504

Phone: 800-447-3576  
Phone: 402-467-3576  
envsupport@licor.com

# LI-7500A CO<sub>2</sub>/H<sub>2</sub>O Analyzer

## Calibration Certificate

Serial Number 75H-0073

Date: 15 Oct 2021  
Code:35044

Technician JLF  
Jerry F.

### CO<sub>2</sub> Calibration Values    H<sub>2</sub>O Calibration Values

A = 1.45906E2

A = 5.03916E3

B = 1.58611E3

B = 3.58698E6

C = 4.71990E7

C = -1.36252E8

D = -1.50285E10

XS = -0.0006

E = 1.99683E12

Z = 3.73000E-2

XS = 0.0010

+ SD1 = 0.0376

Z = 1.40000E-3

SD2 = 0.8299

+ SD1 = 0.0228

SD3 = 2.1820

SD2 = -0.1390

### \* Signal Strength

SD3 = 1.9470

B = 1.043

C = 7.254

\* Ver 6.5 and above

+ Ver 7.6 and above

### Zero/Span set on 16 Oct 2021

CO2 Zero = 0.9182

CO2 Span = 1.0000 (at 750 ppm)

CO2 Span2 = 0.0000 (at 15 ppm)

H2O Zero = 0.8187

H2O Span = 1.0094 (at 12 C)

H2O Span2 = 0.0000

CX = 42406.3, WX = 41899

**LI-COR**

LI-COR, inc.  
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