

Ary Faraji

From: Chris Bibbs <chris@slcmad.org> on behalf of Chris Bibbs
Sent: Wednesday, February 12, 2025 2:25 PM
To: Ary Faraji
Subject: Re[5]: [EXTERNAL] Droplet analysis - ADrop microscope set-up quote request
Attachments: QU-0797536-C DM750 SLCMAD Bibbs.pdf; Salt Lake City Mosquito Abatement District - DropVision Fluorescence.pdf

Let me know if this works

"Regardless of how we do it, the ability to characterize ULV droplets is vital for both regulation and calibration of machines as well as investigative analysis about our operations, such as confirming on-target landing of spray missions into designated areas, or quality control of droplet emissions from equipment that is currently operated by a third party (VDCI). Currently, we digitally characterize droplets of pesticide-containing liquid via microscopy with an attached camera. Our pre-existing system, DropVision, was formerly developed by Leading Edge associates, but they have since been acquired by Central Life Sciences. We are currently grandfathered into an old system, but we are prohibited from updating the software, microscope, or even the computer the software is installed on without significant compatibility issues all for an ultimately out of date platform with no tech support. The DropVision software and equipment costs (quote attached for reference) are not amenable to replacing or even acquiring a service contract for maintenance of the platform. At present, ADrop is the only competitor to DropVision. ADrop is a freely available software package developed by Valent Biosciences, but it does require the purchase of an updated microscope platform for its operation (quote attached). We have attempted to get alternative quotes on this model and camera assembly but, per Greg White's inquiries to the vendors, this particular model of microscope is not available for sale through any other channels at this time. This renders their availability as sole source through Valent's agreements with the manufacturer."

Cheers,

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Christopher S. Bibbs, PhD
Laboratory Director
Salt Lake City Mosquito Abatement District
2215 N 2200 W, Salt Lake City, UT 84116

----- Original Message -----

From "Ary Faraji" <ary@slcmad.org>
To "Chris Bibbs" <chris@slcmad.org>
Date 2/12/2025 1:59:38 PM
Subject RE: Re[3]: [EXTERNAL] Droplet analysis - ADrop microscope set-up quote request

Thomas Scientific, formerly NCI
7125 Northland Terrace N, Suite 100
Brooklyn Park, MN 55428
orders@ncimicro.com



Quote #: QU-0797536-C

Date 1/28/2025

Valid Until 2/25/2025

QUOTATION

Salt Lake City Mosquito Abatement District

Sales Contact

Tyler Steele

Phone: 801-835-9861

tyler.steele@thomassci.com

Salt Lake City UT

Christopher Bibbs

chris@slcmad.org

Leica DM750 Configurable Microscope

[See Online](#)

Leica DM750;

Features & Benefits:

- EZStore™ design with Handle and cord wrap allows easy carrying, easy lifting, and protection against microscope component damage
- Leica EZLite™ LED illumination saves the cost of replacement lamps and provides a cool white light for over 20 years of average use
- Patented time delay shutoff saves energy
- AgTreat additive at touchpoints to prevent bacteria spreading from student to student.
- DM750 Right Hand Stage with Koehler Illumination and 4 Position Nosepiece
- Abbe condenser 0.9 Dry 1.25 Oil
- HI PLAN objective set 4x, 10x
- Two Eyepiece 10X/20 focusable with eyeguard
- C- Mount Adapter 0.55x for 1/2 inch
- US Cord Set



#	Items	Quantity	List Price	Net Price
10	DM750 RH Klr Stand, and 4 Hole Nspce 13613011	1	1,281.00	1,281.00
20	45 degree Trinocular Tube 13613522	1	1,066.92	1,066.92
30	10X/20 focusing eyepiece w/eyeguard 13613532	1	172.00	172.00
40	10X/20 eyepiece w/eyeguard 13613530	1	136.00	136.00
50	Obj. HI PLAN 4x/0.10 11506226	1	157.08	157.08
60	Obj. HI PLAN 10x/0.25 11506228	1	275.40	275.40
70	Abbe Condenser 0.9Dry/1.25 Oil 13613550	1	186.00	186.00
80	35mm Module for LSF Reflected Light ill 13613668	1	458.00	458.00
90	Illuminator LSF 4/20 3 Lbd. 11505122	1	3,458.00	3,458.00
100	Filter system DAPI ET, s 11504204	1	1,804.00	1,804.00
110	.55X C Mount Adapter for 1/2 inch detec 13613706	1	326.40	326.40
120	U.S. power cord 13613900	1	22.00	22.00
130	- NCIMISC 244-87-365-30E-40 CoolLED pE-100 Illumination System. Includes Light Source, Control Pod, Power Supply LED excitation at 365 nm, 30E-Adaptor & US plug	1	2,425.00	2,425.00
140	Flexacam c5 12730535	1	2,502.06	2,502.06

#	Items	Quantity	List Price	Net Price
150	Wireless mouse; USB 10726491	1	54.00	54.00
160	Power cable, 2 m, USA 10445661	1	39.78	39.78
Section Net Subtotal			USD 14,363.64	

Quotation Totals

Sub Total	USD 14,363.64
Grand Total Excluding Taxes	USD 14,363.64



Salt Lake City Mosquito Abatement District - DropVision Fluorescence

Salt Lake City Mosquito Abatement District

2215 N. 2200 W
Salt Lake City, UT 84116
USA

Chris Bibbs
chris@slcmad.org

Reference: 20250203-061505720
Quote created: February 3, 2025
Quote expires: June 30, 2025
Quote created by: Piper Reynolds
Vector Biologist
preynolds@central.com
+13865621867

Comments from Piper Reynolds

Products & Services

Item & Description	SKU	Quantity	Unit Price	Total
DropVision Fluorescence Includes Leica trinocular compound microscope, c-mount adaptor, digital camera, DAPI filter set, blank filter cube, Cool LED lamphouse and illuminator, 35mm module for LSF reflected light, & illuminator LSF) and a Windows 11 lap-top computer.		1	\$24,000.00	\$24,000.00
One-time subtotal				\$24,000.00
			Total	\$24,000.00



Salt Lake City Mosquito Abatement District - DropVision FL Software License & Technical Support Fee

Salt Lake City Mosquito Abatement District

2215 N. 2200 W

Salt Lake City, UT 84116

USA

Chris Bibbs

chris@slcmad.org

Reference: 20250203-062556876

Quote created: February 3, 2025

Quote expires: June 30, 2025

Quote created by: Piper Reynolds

Vector Biologist

preynolds@central.com

+13865621867

Comments from Piper Reynolds

DropVision software version 4.0 upgrade features:

- Addition of product list with automatic inclusion of spread factors and label droplet spectrum requirements
- Addition of spray equipment list
- Ability to add, edit and delete products and equipment
- Weather & location data can be added when starting a new project
- Faster processing, more light spectrum control for exposures, contrast and RGB
- Calibration is faster by clicking on the new calibration icon
- Calibration settings are maintained within the software's configuration menu
- Color coded graphs, including a new pie chart graph
- Option to choose VMD or ASABE settings through the configuration menu
- Added a Z button control removes all selected droplets and allows you to pick a single droplet during calibration or while reading slides and rods
- Addition of quick link that takes user to the latest manual

Products & Services

Item & Description	SKU	Quantity	Unit Price	Total
DropVision FL Software License & Technical Support Agreement (SLTSA) Annual software license and support fee		1	\$1,200.00	\$1,200.00
One-time subtotal				\$1,200.00
Total				\$1,200.00

Purchase terms

Leading Edge Associates Inc. (LEA) offers DropVision® Fluorescence with the following terms:

Upon receipt of invoice and prior to shipment, payment in US dollars must be received in full by Leading Edge Associates, Inc. Any applicable sales or use tax will be the responsibility of the customer.

A DropVision Fluorescence Software License and Technical Support Agreement (SLTSA) will be provided to the purchasing agency for signature by an authorized representative. A copy of the signed software agreement must be received by LEA prior to shipment.

DropVision® Fluorescence Software Warranty Period

Leading Edge Associates, Inc. provides a satisfaction guarantee of the DropVision® Fluorescence software. Any corrections or fixes necessary to ensure performance will be honored throughout the SLTSA. The warranty shall extend for a period of one (1) year following the effective date and shall automatically renew for additional one (1) year periods to and until such date the customer ceases payment of the annual SLTSA fees. The SLTSA includes technical support to include phone support and extended training as requested.

Hardware warranties for microscope and digital camera equipment are for one (1) year or as provided by the original manufacturer. Leading Edge may provide diagnostic assistance of hardware components whenever possible.

Annual Software License and Technical Support Fee

In consideration of the software license granted by LEA to customer for use of the DropVision® Fluorescence software and technical support, customer shall pay LEA a fee as set forth in this proposal/quote. The fee shall be due and payable on an annual recurring basis as long as the agreement continues in effect. In the event that the fee is not paid, the software license granted herein shall immediately terminate, customer shall cease all use of the software and access to the software shall be disabled by LEA. Continuation of technical support shall be based solely on the continuance of payment of the SLTSA fee by the customer.

Sole Source Statement:

Leading Edge Associates, Inc. is the sole source supplier/manufacturer of the DropVision® product line and technology. All software source code is produced and owned by Leading Edge Associates, Inc. Because of its unique nature, features and limited market size, these products are sole-source products.

By signing below, the authorized representative agrees to the above purchase terms.

Purchase terms

For expanded details on DropVision Fluorescence, please click on this link:

[DropVision FI Product Information Sheet](#)

Questions? Contact me



Piper Reynolds
Vector Biologist
preynolds@central.com
+13865621867

Leading Edge
506 Fentress Blvd, Ste B
Daytona Beach, FL 32114
US