

FOSTER+FREEMAN USA INC.  
20145 ASHBROOK PLACE #190  
ASHBURN, VA 20147  
T: 888 445 5048  
F: 888 445 5049  
usoffice@fosterfreeman.com

Federal Tax ID No. 56-2316854  
GST/HST No. 81939 6300 RT0001

www.fosterfreeman.com

Your Reference: RFQ: CRIME-LITE AUTO AND ARM

Our Reference: C106991

Quote Reference: Q220439

Date: January 22, 2025

Page 1 of 7

Santa Cruz Co. Sheriff-Coroner  
5200 Soquel Ave.  
Santa Cruz  
CA 95062  
USA

Attention of Lauren Zephro

**QUOTATION Q220439 - FOR THE SUPPLY OF:**

LINE	PRODUCT DESCRIPTION	QTY	UNIT PRICE	SUB TOTAL
1	<b>CRIME-LITE AUTO KIT WITH OBLIQUE AND COAX NO SAMPLES (QCL/AUTO/KIT/SOC/NOS-120V)</b>	1	40,911.32	40,911.32

**CRIME-LITE AUTO OBLIQUE LIGHTING RING ACCESSORY**

**(QCL/AUTO/ACC/9)**- Oblique ring light accessory for use with CRIME-LITE AUTO  
- 5700K White OR UV 365nm (Selectable – one at a time)  
- 12 LEDs per wavelength  
- Intensity control  
- Lighting direction control – Quadrant selection  
- Quadrant, wavelength and brightness controls appear on CRIME-LITE AUTO screen when connected.

**CRIME-LITE AUTO COAX LIGHTING ACCESSORY**

**(QCL/AUTO/ACC/10)**- Clip-on accessory module for Crime-lite Auto  
- 5700K diffuse white coaxial light  
- On-screen 'on-axis' and 'off-axis' illumination mode control (0-9 )  
- On-screen illumination intensity control  
- On-screen focus adjustment  
- Powered via USB connection to Crime-lite AUTO

**CRIME-LITE AUTO KIT 120V CHARGER  
(QCL/AUTO/KIT120V)**

**Comprising:**  
CRIME-LITE AUTO  
(QCL/AUTO)  
All-in-one forensic evidence imaging system for CSI and laboratory use

**CAMERA AND LENSES**

**HIGH SENSITIVITY COLOUR/IR CAMERA**  
- Precision 20.1MP image capture (5456x3632px)  
- Sensitive from 350 to 1000nm

**Your Reference:** RFQ: CRIME-LITE AUTO AND ARM

**Our Reference:** C106991

**Quote Reference:** Q220439

**Date:** January 22, 2025

Page 2 of 7

- HDMI Live video output
- Autofocus 30mm f/3.5 macro lens
- Shutter speed/exposure time up to 30 seconds

Selectable advanced camera controls

- Exposure control
- Auto and Fine Manual focus modes
- White balance

ILLUMINATION AND FILTRATION

HIGH INTENSITY LED ILLUMINATION RING

- Wavelengths: UV 365nm, Violet 410nm, Blue 445nm, Blue Green 475nm, Green 520nm, Orange 590nm, Red 640nm
- 4x LED per wavelength
- Combine LEDs to provide up to 55 wavelength combinations
- Brightness control function

2X WIDE-ANGLE LED ILLUMINATION ARMS

- Wavelengths: UV 365nm, White, IR 860nm
- 2x UV LED, 1x White LED, 1x IR LED per arm

MOTORISED FILTER WHEEL

- Motorised housing with 9-position filter wheel

FLUORESCENCE IMAGING FILTERS

- Longpass filters at: 420nm, 455nm, 495nm, 550nm, 590nm, and 780nm
- Bandpass filters at: 415nm, 530nm and UV 315-380nm

INTERFACE

TOUCHSCREEN DISPLAY

- Integrated 7" multi-touch IPS TFT display (1024x600)
- HDMI live video output
- Micro SD input, USB and Micro-USB connectivity
- Ambient light sensor with auto screen brightness
- WiFi and Bluetooth connectivity

INTERNAL PROCESSOR

- Fully-integrated processor
- Image capture (BMP, TIFF, PNG, JPG) to SD Card
- Video capture (AVI) 1920x1080 to SD Card
- Real time clock for image capture time-stamping

PHYSICAL AND ELECTRICAL

SYSTEM DIMENSIONS

- H 126mm x W 207mm x D 159mm (excluding battery)
- Weight (when fitted with 2Ah battery) 1.75kg (approx.)
- 1/4-20 UNC tripod mounting thread

**Your Reference:** RFQ: CRIME-LITE AUTO AND ARM

**Our Reference:** C106991

**Quote Reference:** Q220439

**Date:** January 22, 2025

Page 3 of 7

#### ELECTRICAL

- Designed for use with 2Ah or 4Ah Li-Ion removable battery
- Up to 2-hours battery runtime
- 12Vdc power input

#### ACCESSORIES

- Magnetic Lens cap
- 2m Premium HDMI Lead
- UV safety glasses
- Micro fibre cloth
- Evidence scale stickers
- 128GB MICRO SD CARD SDHC/SDXC USH-I CLASS 10

#### SYSTEM INTERFACE

Crime-lite AUTO functions are carried out via an 'App' style interface using the system's integrated 7" multi-touch display.

#### OPERATING FEATURES

- Live video search and capture (AVI)
- High-resolution capture of still images (RAW, BMP, TIFF, PNG, JPG)
- Complete control of all camera settings including: Exposure, white balance, focus, shooting mode (single-shot or continuous),
- Complete control of all illumination settings including: Select single or multiple LED combinations, brightness adjust.
- Complete control of all filtration settings including: Manual or semi-automated 'intelligent' filter selection
- Pull-out image gallery of all recent work allowing comparison with current and previous images
- Save and Recall images complete with all examination settings
- Timestamp captured video and images
- Image hashing
- Option to export images and data to external USB
- Option to connect secondary viewing monitor via HDMI

#### PRODUCT VERIFICATION LIBRARY (PVL) 1 YEAR SUBSCRIPTION

- One-year free subscription to the foster+freeman Product Verification Library (PVL)
- Two-factor authentication for enhanced security
- Compatible with past and previous version of Chrome, Firefox, Edge, Internet Explorer, and Safari
- Over 18,000 high resolution images of body fluid stains on representative fabric types
- Over 300 high resolution sample overview (entirety) images
- 16 different garment types utilised
- 10 different garment colours of each garment type represented
- 6 different body fluids deposited (blood, saliva, semen, sweat, urine, vaginal material)
- Unique icon driven interface

**Your Reference:** RFQ: CRIME-LITE AUTO AND ARM

**Our Reference:** C106991

**Quote Reference:** Q220439

**Date:** January 22, 2025

Page 4 of 7

- All samples and datasets compiled using Human Tissue Authority (HTA) approved body fluids
- All images captured utilising the CL-AUTO
- Multi-spectral examination of all samples recorded (UVA-NIR)
- Results analysed by forensically trained personnel to distinguish stains 'of value'
- Basic image processing utilised to represent casework workflow (greyscale and invert)
- Product Verification Library access via unique login (one user login per Crime-lite AUTO device)
- Dataset(s) can be scrutinised via simple user interface
- Results from the dataset(s) facilitate substantiated decision making at the crime scene and the laboratory
- Product Verification Library enables use of the Crime-lite AUTO to be verified by science
- Quantitative conclusions from the Ground Truth Data allow the generation of pre-sets that are scientifically valid
- Product Verification Library generated pre-sets are integrated within the Crime-lite AUTO
- Pre-sets enable the simple, efficient, and effective use of Crime-lite AUTO for the search, detection, and imaging of bodily fluids at the crime scene and in the laboratory.

LED Safety: Crime-lite AUTO is provisionally classified to European safety standard risk group 2 (IEC/EN 62471:2008)

**CRIME-LITE AUTO RECHARGEABLE 2Ah BATTERY**  
(Quantity x 2.0)  
(QCL/AUTO/ACC/1)

- 10.8 V 2Ah Lithium Ion battery
- High capacity
- Individual cell monitoring
- Battery protection circuit
- Battery fuel gauge (4-stage LEDs)

**CRIME-LITE AUTO RECHARGEABLE 4Ah BATTERY**  
(QCL/AUTO/ACC/2)

- 10.8 V 4Ah Lithium Ion battery
- High capacity
- Individual cell monitoring
- Battery protection circuit
- Battery fuel gauge (4-stage LEDs)

**CRIME-LITE AUTO CARRY CASE**  
(QCL/AUTO/ACC/4)

- machined foam cut-outs to accommodate Crime-lite AUTO plus batteries and accessories
- rugged, waterproof and shock resistant
- dimensions 430X260X235mm
- weight 2.7kg

**CRIME-LITE AUTO SHOULDER/NECK STRAP 257-187-00**

**Your Reference:** RFQ: CRIME-LITE AUTO AND ARM

**Our Reference:** C106991

**Quote Reference:** Q220439

**Date:** January 22, 2025

Page 5 of 7

(QCL/AUTO/ACC/5)

- Adjustable shoulder/neck strap

**CRIME-LITE AUTO HIGH SPEED MICRO SD CARD  
READER**

(QCL/AUTO/ACC/6)- Micro SD card Reader

**CRIME-LITE AUTO HIGH SPEED USB STICK**

(QCL/AUTO/ACC/7)- High capacity USB stick with rapid  
read/write performance

**CRIME-LITE AUTO MAINS ADAPTOR**

(QCL/AUTO/ACC/8)- Operate the Crime-Lite Auto via AC  
mains power

**CRIME-LITE AUTO BATTERY CHARGER**

(QCL/AUTO/ACC/3120V)

- Rapid charging of Crime-lite auto Li-Ion batteries

- Charge status display

**L-SHAPE FORENSIC SCALE RULE (ASSY DWG 035-106-  
AS-01)**

(DCS/RULE)- L Shaped Forensic Rule

**PELI CASE ADDRESS LABEL**

(035-102-AW-02)

**CRIME-LITE AUTO POLARISER KIT**

(QCL/AUTO/ACC/17)CLIP-ON POLARISER KIT FOR  
CRIME-LITE AUTO, INCLUDES:

- 2X LED FILTERS

- 1X ADJUSTABLE POLARISER

- STORAGE POUCH

<b>2</b>	<b>CRIME-LITE AUTO LABORATORY ARM (QCL/AUTO/ACC/11)</b>	1	2,396.65	2,396.65
----------	---	---	----------	----------

- heavy duty low profile articulated arm for easy laboratory  
operation of Crime-lite AUTO\*

- bench or wall mounted arm, reach 132cm, 360° swivel at  
base.

- internal power cable connects to Crime-lite AUTO\*

- quick-release clamp to hold Crime-lite AUTO\*

\*Crime-lite AUTO supplied separately

<b>3</b>	<b>CRIME-LITE AUTO TRAINING THIS ITEM IS EXEMPT FROM TAX</b>	1	1,950.00	1,950.00
----------	--	---	----------	----------

FOSTER+FREEMAN USA INC.  
20145 ASHBROOK PLACE #190  
ASHBURN, VA 20147  
T: 888 445 5048  
F: 888 445 5049  
usoffice@fosterfreeman.com

Federal Tax ID No. 56-2316854  
GST/HST No. 81939 6300 RT0001

[www.fosterfreeman.com](http://www.fosterfreeman.com)

**Your Reference:** RFQ: CRIME-LITE AUTO AND ARM

**Our Reference:** C106991

**Quote Reference:** Q220439

**Date:** January 22, 2025

Page 6 of 7

On-site training by Foster & Freeman Applications Specialist. Includes unpacking and setup of equipment, followed by comprehensive operator training. Training will cover basic light theory and application, hands-on practice using realistic samples and scenarios, Crime-lite AUTO hardware and software overview, and equipment safety and maintenance. Training certificates provided upon successful completion and demonstrated proficiency. Costs are based on a single visit and include associated expenses for the Applications Specialist.

<b>4</b>	<b>SHIPPING AND HANDLING</b>	<b>1</b>	<b>250.00</b>	<b>250.00</b>
----------	------------------------------	----------	---------------	---------------

FOSTER+FREEMAN USA INC.  
20145 ASHBROOK PLACE #190  
ASHBURN, VA 20147  
T: 888 445 5048  
F: 888 445 5049  
usoffice@fosterfreeman.com

Federal Tax ID No. 56-2316854  
GST/HST No. 81939 6300 RT0001

www.fosterfreeman.com

**Your Reference:** RFQ: CRIME-LITE AUTO AND ARM

**Our Reference:** C106991

**Quote Reference:** Q220439

**Date:** January 22, 2025

Page 7 of 7

<b>TOTAL PRICE</b>	<b>USD</b>		<b>45,507.97</b>
<b>TOTAL TAX</b>	<b>USD</b>	<b>@ 9.5%</b>	<b>4,138.01</b>
<b>TOTAL VALUE</b>	<b>USD</b>		<b>49,645.98</b>

**DESPATCH PERIOD:**

8 working weeks from receipt of order, subject to terms of payment details below. **Please note** despatch times are estimates and will be confirmed at time of order acknowledgement.

**TERMS OF DELIVERY:**

This price covers delivery including customs clearance, duties and local delivery, but excludes local sales tax.

**TERMS OF PAYMENT:**

Nett 30 Days from date of invoice Please note that a surcharge of 3% will apply to all credit card payments

**BANK DETAILS:**

United Bank, McLean, VA. Routing No 056004445, Foster & Freeman USA Inc., Account No. 70061289

**WARRANTY:**

24 months from date of despatch

**VALIDITY UNTIL:**

April 22, 2025

**SIGNED:**

Jason Cole

Foster & Freeman Ltd. terms and conditions of sale apply.