

FOSTER+FREEMAN USA INC.
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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

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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	CRIME-LITE AUTO KIT WITH OBLIQUE AND COAX NO SAMPLES (QCL/AUTO/KIT/SOC/NOS-120V)	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

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- 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

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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

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- 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

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(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

2	CRIME-LITE AUTO LABORATORY ARM (QCL/AUTO/ACC/11) - 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	1	2,396.65	2,396.65
3	CRIME-LITE AUTO TRAINING THIS ITEM IS EXEMPT FROM TAX	1	1,950.00	1,950.00



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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.

4	SHIPPING AND HANDLING	1	250.00	250.00
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TOTAL PRICE	USD		45,507.97
TOTAL TAX	USD	@ 9.5%	4,138.01
TOTAL VALUE	USD		49,645.98

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.