

Your Reference: RFQ - CRIME LITE AUTO

Our Reference: JOLIE002

Quote Reference: Q216172

Date: January 31, 2024

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JOLIET POLICE DEPARTMENT
150 W. JEFFERSON ST.
JOLIET
IL 60432
USA

Attention of SHAWN STACHELSKI

QUOTATION Q216172 - FOR THE SUPPLY OF:

LINE	PRODUCT DESCRIPTION	QTY	UNIT PRICE	SUB TOTAL
1	CRIME-LITE AUTO KIT 120V CHARGER (QCL/AUTO/KIT120V)	1	36,568.37	36,568.37

**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
- 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

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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

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 (BMP, TIFF, PNG, JPG)
- Complete control of all camera settings including: Exposure, white balance, focus, shooting mode (single-shot or continuous),

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- 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
- 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.

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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

(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)



FOSTER+FREEMAN USA INC.
20145 ASHBROOK PLACE #190
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Federal Tax ID No. 56-2316854

GST/HST No. 81939 6300 R10001

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(DCS/RULE)- L Shaped Forensic Rule

**PELI CASE ADDRESS LABEL
(035-102-AW-01)**

2	PRODUCT TRAINING (NON SP) Two hour virtual product training by Foster & Freeman Applications Specialist. Includes instruction for unpacking and setup of equipment, followed by comprehensive operator training. Training will cover both theory and practical applications, using realistic samples and scenarios. Equipment safety and maintenance will also be covered. Training certificates provided.	1	400.00	400.00
3	SHIPPING AND HANDLING	1	250.00	250.00



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GST/HST No. R19396300 R10001

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TOTAL PRICE	USD	37,218.37
TOTAL TAX	USD	0.00
TOTAL VALUE	USD	37,218.37

DESPATCH PERIOD:

6-8 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 installation

VALIDITY UNTIL:

April 30, 2024

SIGNED:

Nathan Carey

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

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GST/HST No. 819356300 R10001

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150 W. JEFFERSON ST.
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Attention of SHAWN STACHELSKI

QUOTATION Q216171 - FOR THE SUPPLY OF:

LINE	PRODUCT DESCRIPTION	QTY	UNIT PRICE	SUB TOTAL
1	CRIME-LITE 82L PRO KIT (CL82LPRO/K/120V)	1	4,369.07	4,369.07

82L PRO LINEAR LIGHT SOURCE

**(QCL/82LPRO)- 16 x HIGH EFFICIENCY SURFACE
MOUNT LEDs**

- linear light source (low grazing angle)
- 400 - 700nm (nominal)
- dimmable homogenous light beam
- Three intensity settings (low, medium, high)
- active lens size 305 x 10mm
- weight 900g
- dims 320 x 174 x 111mm
- forced air cooled
- built in thermal protection
- battery run time typically 80 minutes (High power), 750 (Low power) (optional AC mains adaptor available for continuous running)
- flat battery indicator LED
- information sheet
- classified to European safety standard EN62471:2008
- designed for use with new 18V Lithium Ion batteries (offered separately)
- compatible with Crime-lite 80 series 24v NiMH batteries (offered separately)

82L CLIP-ON RED FILTER

(QCL/82L/001)- 310 x 16 x 2mm

82L CLIP-ON GREEN FILTER

(QCL/82L/002)- 310 x 16 x 2mm

82L CLIP-ON BLUE FILTER

(QCL/82L/003)- 310 x 16 x 2mm

82L CLIP-ON YELLOW FILTER

(QCL/82L/004)- 310 x 26 x 2mm



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80L/82L TELESCOPIC POLE

- (QCL/85)- holds Crime-lite 82L at floor level
- extended length 880mm

SOC CASE FOR 82L

- (QCL/82S/015-PRO)- machined foam cut-outs to accommodate 1 x Crime-lite 82L plus 2 batteries, charger and accessories
- rugged, waterproof and shock resistant
- dimensions 488 x 386 x 185mm (19.2 x 15.2 x 7.3 inches)
- weight 3.5kg

5AH LITHIUM BATTERY (Quantity x 2.0)

- (QCL/82S/008B)- Lithium Ion
- 5Ah, 18 volt
- intelligent charge technology
- dims 116 x 75 x 62mm
- weight 600g

FAST BATTERY CHARGER 120 VOLT

- (QCL/82S/009/USA)- 110 - 120V
- charge time 22 minutes per battery
- led and audible charge status indicators
- automatic control function
- dims 190 x 164 x 105mm
- weight 1kg

BATTERY ADAPTOR ONLY MK2 (Quantity x 2.0)

- (QCL/82S/011C)- enables lithium battery to be connected directly to Crime-lite 82/42
- does not include separately available cable connector
- NOT suitable for older 82 series lights without machined location flats on base of handle

CL MAINS ADAPTOR FOR 80,82,42 AND 8X4

- (QCL/80)- input voltage: 90-264V AC
- output voltage: 24V DC
- maximum power output: 80W
- dimensions: 168 x 78 x 45mm
- weight: 750g

2	SHIPPING AND HANDLING	1	150.00	150.00
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TOTAL PRICE	USD	4,519.07
TOTAL TAX	USD	0.00
TOTAL VALUE	USD	4,519.07

DESPATCH PERIOD:

6-8 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:

12 months from date of despatch

VALIDITY UNTIL:

April 30, 2024

SIGNED:

Nathan Carey

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QUOTATION Q216173 - FOR THE SUPPLY OF:

LINE	PRODUCT DESCRIPTION	QTY	UNIT PRICE	SUB TOTAL
1	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	1	2,139.07	2,139.07
2	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.	1	1,734.38	1,734.38
3	INTERACTIVE EVIDENCE SAMPLE KIT (QCL/AUTO/INT-SAMPLES) Video presentation box for Crime-lite Sample Kit. Custom-made video box with integral 7" HD screen and two foam inserts to accommodate up to 20 evidence samples. Video Screen: - 7" HD display - Pre-loaded video content - Re-chargeable Li-Ion batteries - Approximately 2-hours runtime ACCELERANT (SIMULATED) (QCL/SAMPLE/A)	1	2,373.26	2,373.26

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- Accelerant (simulated) on blue fabric to be used with blue light source (495nm LP or 530nm BP filter), blue-green light source (550nm LP or 550nm BP filter) or green light source (590nm LP filter) light source

FLUORESCENT FINGERMARK (QCL/SAMPLE/B)

- Fluorescent fingermark (plastic sample box) to be used with UV light source (visible pass or 420nm LP filter), violet light source (455nm LP), blue light source (495nm or 530nm BP filter), blue-green light source (550nm LP or 550nm BP filter) or green light source (590nm LP filter)

POLYCYANO FINGERMARK (QCL/SAMPLE/C)

- Polycyano (plastic bag) to be used with UV light source (visible pass or 420nm LP filter)

TEXTILE FIBRES (QCL/SAMPLE/D) (QCL/SAMPLE/D)

- Textile Fibres (green fabric with fibres) to be used with violet light source (455nm LP filter), blue light source (495nm LP or 530nm BP filter) or blue-green light source (550nm LP or 550nm BP filter)

GENERAL DEBRIS (QCL/SAMPLE/E)

- Debris to be used with UV light source (visible pass or 420nm LP filter), violet light source (455nm LP filter), blue light source (495nm LP or 530nm BP filter), blue-green light source (550nm LP or 550nm BP filter) or green light source (590nm LP filter)

FOOTWEAR MARK (GEL LIFT) (QCL/SAMPLE/F)

- Footwear mark (gel lift) with white light source with visible pass filter

BODY FLUID (SIMULATED) (QCL/SAMPLE/G)

- Body fluid (simulated) on white fabric with black backing to be used with UV light source (visible pass or 420nm LP filter), violet light source (455nm LP filter), blue light source (495nm LP or 530nm BP filter) or blue-green light source (550nm LP or 550nm BP filter)

DRUGS SAMPLE (SIMULATED) (QCL/SAMPLE/H)

- Drugs (simulated) in tiny grip seal polybag to be used with UV light source (visible pass or 420nm LP filter) or violet light source (455nm LP filter)

BODY FLUID (SIMULATED) (QCL/SAMPLE/I)

- Body fluid (simulated) on black cotton to be used with UV light source (visible pass or 420nm LP filter), violet light source (455nm LP filter), blue light source (495nm LP or 530nm BP filter) or blue-green light source (550nm LP or 550nm BP filter)

BODY FLUID (SIMULATED) (QCL/SAMPLE/J)

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- Body fluid (simulated) on pink and black patterned fabric to be used with UV light source (420nm LP filter), violet light source (455nm LP), blue light source (495nm or 530nm BP filter) or blue-green light source (550nm LP or 550 BP filter) – demonstrates use of bandpass for best visualisation

CYANOACRYLATE FINGERMARK (QCL/SAMPLE/K)

- Cyanoacrylate fingermark on plastic grip-seal bag to be used with UV light source (330-385nm BP filter)

Fp NATURAL 1 FINGERMARK (QCL/SAMPLE/L)

- Fp Natural 1 fingermark on aluminium foil to be used with blue light source (715 or 780nm LP filter) or red light source (715nm or 780nm LP filter)

Fp NATURAL 2 FINGERMARK (QCL/SAMPLE/M)

- Fp Natural 2 fingermark on wrapping paper to be used with red light source (715nm or 780nm LP filter) or IR light source (850nm filter)

NINHYDRIN FINGERMARK (SIMULATED) (QCL/SAMPLE/N)

- Ninhydrin fingermark (simulated) on green cardboard with green light source and visible pass filter for colour-contrast imaging

BLOOD STAIN SIMULATED (QCL/SAMPLE/O)

- Blood stain (simulated) on black with red pattern fabric to be used with IR light source (IR pass filter to block out visible light either 715nm or 780nm LP filter)

GUNSHOT RESIDUE SAMPLES (SIMULATED) (QCL/SAMPLE/P)

- GSR (simulated) on black fabric with white backing to be used with IR light source (IR pass filter to block out visible light either 715nm or 780nm LP filter)

BLOOD STAIN (SIMULATED) (QCL/SAMPLE/Q)

- Blood stain (simulated) on red patterned fabric to be used with IR light source (IR pass filter to block out visible light either 715nm or 780nm LP filter)

PAINT (QCL/SAMPLE/R)

- Paint on cardboard – two paints; midnight sapphire (blue) under dark angel (purple) on top to be used with IR light source (IR pass filter to block out visible light either 715nm or 780nm LP filter)

3D FINGERMARK (OBLIQUE ACCESSORY) (QCL/SAMPLE/S)

- Oblique (3D fingermark in mikrosil) with white light source and visible filter or UV light source (visible pass or 420nm LP filter) with oblique accessory for the CL Auto only.



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GST/HST No. 81939 6300 R10C01

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RECOVER FINGERMARK (COAXIAL ACCESSORY)
(QCL/SAMPLE/T)
- Coaxial (brass plate) – Recover fingerprint to be used with white light source and visible pass filter with coaxial accessory for the CL Auto only.

PRINTED INSTRUCTION MANUAL STORED IN THE
SAMPLE BOX FOR EASY REFERENCE

4 SHIPPING AND HANDLING

1	150.00
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150.00



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TOTAL TAX	USD	0.00
TOTAL VALUE	USD	6,396.71

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12 months from date of despatch

VALIDITY UNTIL:

April 30, 2024

SIGNED:

Nathan Carey

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