

# GEMSTONEPRESS

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## GEM IDENTIFICATION EQUIPMENT CATALOG



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## YOUR “TOOLS OF THE TRADE”



### THE POCKET INSTRUMENT SETS

10X Triplet Loupe, Chelsea Filter & Dichroscope

When used together, you can identify 85% of all gems with these three instruments:

**SAVE  
12%**

### PREMIUM POCKET INSTRUMENT SET \$197.95

(Bausch & Lomb 10X Loupe, Chelsea Filter and ROSGEM Dichroscope)

### DELUXE POCKET INSTRUMENT SET \$179.95

(Bausch & Lomb 10X Loupe, Chelsea Filter and EZview Dichroscope)

## LOUPES

### Bausch & Lomb 10X Triplet Loupe (diameter 15.8 mm) \$44.00

- Superior optics; color corrected to professional level; focal length of one inch
- Eliminates reflections into stone with black inner casing and swing-away nickel-plated outer casing
- Plastic carrying case

### Standard 10X Triplet Loupe (diameter 18 mm) \$29.00

- Eliminates reflections into stone with black anodized inner and swing-away outer casing
- Color corrected; focal length of one inch
- Leather protective case



### Darkfield Loupe \$58.95

- Features a high-intensity miniature darkfield and distortion-free 18mm, 10X-triplet magnification
- Spot fracture-filled diamonds
- Easier examination and more accurate identification of inclusions in diamonds and colored gemstones—quickly reveals telltale “needles” in synthetic moissanite and provides better definition of inclusions seen in colored gems
- Requires Mini Maglite (not included, see pp. 6–7—Light Sources)



## CALCITE DICHROSCOPES

Quickly and easily separates stones of the same color: Green tourmaline from green garnet or from emerald; rubellite from ruby or from red garnet—and many more!

### RosGEM Dichroscope \$135.00

- Largest rectangular viewing windows available for the best color delineation on the market today
- Fixed focus with the clearest and most distinct color differentiation of ANY dichroscope
- Beveled side to prevent unit from rolling and to quickly line up viewing windows
- Leather carrying case for additional protection



### EZview Dichroscope \$115.00

- Extra-large, rectangular viewing windows for easier color delineation
- Fixed focus for rapid differentiation
- Provides clear, distinct color differentiation, even with pastel-colored gems

## COLOR FILTERS

### Chelsea Filter (diameter 22 mm) \$44.95

- The easiest and fastest of all gem identification instruments
- Invaluable for separating emerald, sapphire, and aquamarine from their look-alikes, and dyed green jadeite from fine natural green jadeite
- Indispensable for quickly scanning and checking parcels and/or strands of gems and beads



### Synthetic Emerald Filter Set (two 2" x 2" filters) \$32.00

- Separates flux-grown synthetic emeralds from natural chromium-rich emeralds
- Distinguishes hydrothermal synthetic emeralds from natural non-chromium-rich emeralds (such as those found in India and Zambia)
- Quickly separate most natural emerald from synthetic when used in conjunction with the *Chelsea Filter*



### Tanzanite Filter (2" x 2") \$28.00

- For detecting Blue Synthetic Forsterite and other simulants
- Use in combination with the Chelsea Filter and instantly separate the numerous imitations from genuine tanzanite

### Bead Buyer's & Parcel Picker's Filter Set (four 2" x 2") \$24.00

- A sorting tool for simultaneous examination of a number of gems

## GEM ANALYZER: Darkfield Loupe, Polariscopes, and Immersion Cell

### RosGEM Three-in-One Gem Analyzer \$299.00

- Combines three of gemology's most useful testing tools
- Detect fracture-filled diamonds
- Identify important optical properties of gemstones
- Reveal diffusion treatments on the surface of rubies and sapphires
- Quickly see the telltale "needles" in synthetic moissanite
- See whether a stone is single or double refracting
- See the presence of a strain in a stone
- Easily separate diamond imitations from genuine diamonds
- Requires Mini Maglite (not included, see pp. 6–7—Light Sources)



## REFRACTOMETER

Considered the most important gem-testing tool, now available in a compact, high-quality and high precision model that is also portable.

### RosGEM Precision Pocket Refractometer \$625.00

- RI readings ranging from 1.300–1.81
- Pocket size—measures 4¼" long x 2½" high x 1¼" wide
- Focusable eyepiece with a polarizing filter
- Hinged cover permits easy examination of large pieces
- Sharper scale with many more clearly marked graduations between major numeric values for easier and more precise readings
- Slide that has a diffuser for white light and an interference monochromatic filter—simply move the slide to the left for monochromatic light, to the right for white light
- Illumination port for *external* light source—a Solitaire Maglite (see p.7)
- Leather travel case



### Refractive Index Liquid \$59.95

- 10 grams, 1.81 RI liquid
- First bottle of liquid is 25% off with purchase of refractometer



## DIFFRACTION GRATING SPECTROSCOPES

Inside a spectroscope you will see the color “spectrum”—red, orange, yellow, green, blue and violet. When viewing a gemstone, dark vertical bands are seen at certain points along the spectrum; each gem has a unique “fingerprint” by which you can make a positive identification.

OPL Spectroscopes provide a fixed slit and fixed focus for your convenience. They contain high quality craftsmanship, made in England.

### **Pocket Spectroscope (2" x ½") \$98.00**

- Small size ideal for the field (sealed for protection from damage)



### **Desk Spectroscope with Precision Stand (4" x 1") \$235.00**

- Large size for table top and lab use
- Precision stand allows for optimal ease and control, holds spectroscope firmly at correct angle and provides rotating stone table
- Light source required (we recommend Flex Light, p. 6)



## DIAMOND TESTERS

### **SSEF Diamond-Type Spotter \$150.00**

- With a simple shortwave transparency test—quickly and easily separate diamond types that can produce colorless, near-colorless, pink and blue diamond types
- Aids in detecting HPHT-Enhanced (High Pressure, High Temperature) diamonds
- Requires a shortwave lamp (we recommend the SSEF High-Intensity Illuminator, p. 6)
- Includes UV Blocking Goggles, written and CD-ROM instructions



### **SSEF Blue Diamond Tester \$695.00**

- Using electronic conductivity separates rare natural Hydrogen-Type I diamonds from Type II blue diamonds and synthetic diamonds
- Complete instructions included

### **DiamondNite Dual Tester \$269.00**

- Portable one-step dual testing—runs a thermal conductivity test followed by an electrical conductivity test—instantly separates genuine diamond from all known imitations, including synthetic moissanite
- Three minute shut-off alert to save battery
- Simple on-off switch, no tricky adjustments
- Gray shock-resistant housing with easy-to-read features
- Nine-volt battery and complete instructions included



## LIGHT SOURCES

### High-Intensity Longwave/Shortwave Ultraviolet Lamp \$199.95

- High-intensity light (720/760 at three inches)
- Separate control button for longwave and shortwave light to allow user to move quickly between the two without confusion
- Easy to use, hand-held
- UV Blocking Goggles recommended, see p. 7



### Compact Viewing Cabinet \$175.00

- For use with the High-intensity Lamp
- Creates a miniature darkroom to facilitate viewing of stones to observe even a “weak” fluorescence

### Lamp and Cabinet Combination Package \$339.95

*More than 10% SAVINGS!*

Shortwave light is hazardous for your eyes. GemStone Press recommends wearing Ultraviolet Blocking Goggles when working with shortwave light



### Portable Longwave/Shortwave Ultraviolet Lamp \$72.00

- Provides both longwave and shortwave capability in a very compact unit
- Ample intensity for detecting fluorescence in many stones
- Requires 4 AA batteries (not included)
- UV Blocking Goggles recommended, see p. 7



### SSEF High-Intensity Shortwave Illuminator \$499.00

- Designed for use with the SSEF Diamond-Type Spotter (see p. 5)
- Provides intense shortwave ultraviolet light in a contained unit
- Comes with AC Adapter and voltage converter (100V~ - 240V~)
- Includes UV Blocking Goggles, written and CD-ROM instructions



### Flex Light \$29.95

- Provides a high-intensity light source—recommended for use with the OPL Desk Spectroscope
- Flexible tube extends to 9", bendable to any shape for hands-free use
- Tube winds around case for compact storage
- Rotating head to control light intensity
- Requires 2 AAA batteries (not included)



## LIGHT SOURCES, cont.

### Standard Mini Maglite (5¾") \$15.00

- Incandescent light source for use with the Loupe, Darkfield Loupe, Chelsea Filter, Color Filters and more
- Battery operated (batteries included)



### Solitaire Maglite (3¼") \$11.00

- Incandescent light source for use with the ROSGEM Refractometer and more
- Battery operated (batteries included)

## ACCESSORIES

### GemPro50 Digital Carat Scale \$174.95

- Reads 50ct x 0.01ct // 10g x 0.002g
- Auto Calibration, 10g calibration weight included
- Innovative pop up draft shield
- Lifetime 30/year manufacturer's replacement warranty
- Runs on 4AAA batteries (included)
- Gemstone non-locking tweezers included



**NEW  
ITEM**

### UV Blocking Goggles \$24.95

- GemStone Press recommends wearing Ultraviolet Blocking Goggles when working with shortwave light

Shortwave light is hazardous for your eyes.



### Speed Brite Ionic Jewelry Cleaner \$69.95

- Ideal for home or store. Ionic cleaning is safe, easy and fast for gold, silver, emeralds, opals, pearls and more



### Gem Sparkle Ionic Concentrate Refill (16 oz) \$20.00

- Use 1 oz. per cleaning session

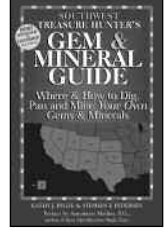
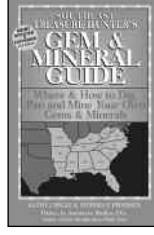
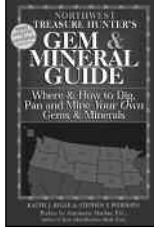
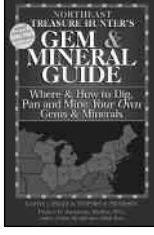
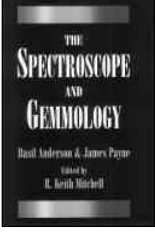
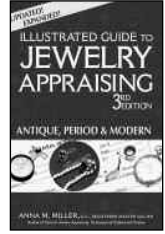
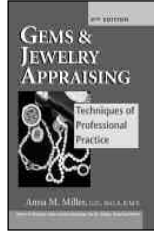
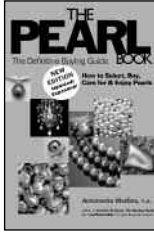
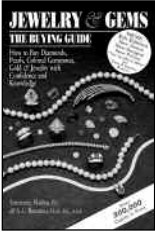
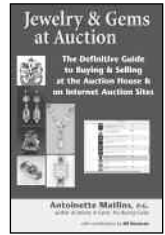
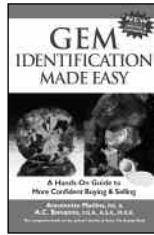
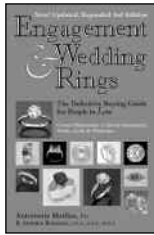
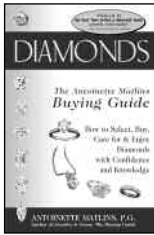
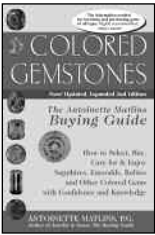
### Tweezers—Locking (6½"—groove tip makes holding stones easy) \$10.65



### Tweezers—Non-Locking (6½"—groove tip makes holding stones easy) \$7.80



# INCREASE YOUR KNOWLEDGE AND UNDERSTANDING WITH BOOKS



## TOTAL SATISFACTION GUARANTEE

If for any reason you're not completely delighted with your instrument purchase, return it in resellable condition within 30 days for a full refund.

## SHIPPING/HANDLING INFORMATION

Within the US:

Instruments—\$7.95 for the first item, \$3.00 each additional. Pocket Instrument Sets add \$10.95

Books—\$3.95 for the first book, \$2.00 each additional book

Outside the US: Please fax, call or e-mail for a shipping quote. Credit cards must be provided on all international orders.



# ORDER FORM

| #   | Item                          | Price*   | Total |
|-----|-------------------------------|----------|-------|
| ___ | Premium Pocket Instrument Set | \$197.95 | _____ |
| ___ | Deluxe Pocket Instrument Set  | \$179.95 | _____ |

## LOUPES

|     |                                 |         |       |
|-----|---------------------------------|---------|-------|
| ___ | Standard 10X Triplet Loupe      | \$29.00 | _____ |
| ___ | Bausch & Lomb 10X Triplet Loupe | \$44.00 | _____ |
| ___ | Darkfield Loupe                 | \$58.95 | _____ |

## CALCITE DICHROSCOPES

|     |                    |          |       |
|-----|--------------------|----------|-------|
| ___ | ROSGEM Dichroscope | \$135.00 | _____ |
| ___ | EZview Dichroscope | \$115.00 | _____ |

## COLOR FILTERS

|     |   |         |       |
|-----|---|---------|-------|
| ___ | Chelsea Filter                            | \$44.95 | _____ |
| ___ | Synthetic Emerald Filter Set              | \$32.00 | _____ |
| ___ | Tanzanite Filter                          | \$28.00 | _____ |
| ___ | Bead Buyer's & Parcel Picker's Filter Set | \$24.00 | _____ |

## DIAMOND TESTERS

|     |                           |          |       |
|-----|---------------------------|----------|-------|
| ___ | SSEF Diamond-Type Spotter | \$150.00 | _____ |
| ___ | SSEF Blue Diamond Tester  | \$695.00 | _____ |
| ___ | DiamondNite Dual Tester   | \$269.00 | _____ |

## GEM ANALYZER

|     |                                  |          |       |
|-----|----------------------------------|----------|-------|
| ___ | ROSGEM Three-in-One Gem Analyzer | \$299.00 | _____ |
|-----|----------------------------------|----------|-------|

## LIGHT SOURCES

|     |  |          |       |
|-----|--|----------|-------|
| ___ | High-Intensity Longwave/Shortwave Ultraviolet Lamp | \$199.95 | _____ |
| ___ | Compact Viewing Cabinet                            | \$175.00 | _____ |
| ___ | Combination Package, UV Lamp and Cabinet           | \$339.95 | _____ |
| ___ | Portable Longwave/Shortwave Lamp                   | \$72.00  | _____ |
| ___ | SSEF High-Intensity Shortwave Illuminator          | \$499.00 | _____ |
| ___ | Flex Light   | \$29.95  | _____ |
| ___ | Standard Mini Maglite                              | \$15.00  | _____ |
| ___ | Solitaire Maglite                                  | \$11.00  | _____ |

## REFRACTOMETER

|     |                                       |          |       |
|-----|---------------------------------------|----------|-------|
| ___ | ROSGEM Precision Pocket Refractometer | \$625.00 | _____ |
| ___ | Refractive Index Liquid, 1.81–10gram  | \$59.95  | _____ |

## SPECTROSCOPES

|     |                                  |          |       |
|-----|----------------------------------|----------|-------|
| ___ | OPL Pocket Spectroscope          | \$98.00  | _____ |
| ___ | OPL Desk Spectroscope with Stand | \$235.00 | _____ |

## ACCESSORIES

|     |  |          |       |
|-----|--|----------|-------|
| ___ | GemPro50 Digital Carat Scale <b>NEW ITEM</b> | \$174.95 | _____ |
| ___ | UV Blocking Goggles                          | \$24.95  | _____ |
| ___ | Speed Brite Ionic Jewelry Cleaner            | \$69.95  | _____ |
| ___ | Gem Sparkle Ionic Concentrate Refill         | \$20.00  | _____ |
| ___ | Tweezers—Locking                             | \$10.65  | _____ |
| ___ | Tweezers—Non-Locking                         | \$7.80   | _____ |

Prices, manufacturing specifications, availability and terms subject to change without notice.

**TOTAL** \_\_\_\_\_  
**Shipping/Handling** \_\_\_\_\_  
**SUBTOTAL** \_\_\_\_\_

**See p. 8 for shipping/  
handling information**

continued next page

# ORDER FORM, cont.

| #  | Title   | Price   | Total |
|--|---|---------|-------|
| <b>Books by Antoinette Matlins, P.G.</b>     |   |         |       |
| _____  | Colored Gemstones, 2nd Ed.                          | \$18.99 | _____ |
| _____  | Diamonds  | \$16.95 | _____ |
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| _____  | Gem Identification Made Easy, 3rd Ed.               | \$36.95 | _____ |
| _____  | Jewelry & Gems at Auction                           | \$19.95 | _____ |
| _____  | Jewelry & Gems: The Buying Guide, 5th Ed.           | \$18.95 | _____ |
| _____  | The Pearl Book, 3rd Ed.                             | \$19.95 | _____ |
| <b>Books by Anna M. Miller, G.G., R.M.V.</b> |   |         |       |
| _____  | Cameos Old & New, 3rd Ed.                           | \$19.95 | _____ |
| _____  | Gems & Jewelry Appraising, 2nd Ed.                  | \$39.95 | _____ |
| _____  | Illustrated Guide to Jewelry Appraising, 3rd Ed.    | \$39.99 | _____ |
| <b>More Books</b>                            |   |         |       |
| _____  | Spectroscope & Gemmology                            | \$69.95 | _____ |
| _____  | NE Treasure Hunter's Gem and Mineral Guide, 2nd Ed. | \$14.95 | _____ |
| _____  | NW Treasure Hunter's Gem and Mineral Guide, 2nd Ed. | \$14.95 | _____ |
| _____  | SE Treasure Hunter's Gem and Mineral Guide, 2nd Ed. | \$14.95 | _____ |
| _____  | SW Treasure Hunter's Gem and Mineral Guide, 2nd Ed. | \$14.95 | _____ |

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**Total Instruments** \_\_\_\_\_

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**\* SHIPPING/HANDLING INFORMATION:**

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Pocket Instrument Sets add \$10.95

**Books**—\$3.95 for the first book, \$2.00 each additional book

**Outside the US:** Please fax, call or e-mail for a shipping quote.  
Credit cards must be provided on all international orders.

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- Colored Gemstones, 2nd Ed.:** The Antoinette Matlins Buying Guide **\$18.99**  
PB, 6 x 9, 224 pp, 200+ color & b/w photos & illus., ISBN 0-943763-45-2
- Diamonds:** The Antoinette Matlins Buying Guide **\$16.95**  
PB, 6 x 9, 220 pp, 150+ color & b/w photos & illus., ISBN 0-943763-32-0
- Engagement & Wedding Rings, 3rd Ed.:** The Definitive Buying Guide **\$18.95**  
PB, 6 x 9, 320 pp, 400+ color & b/w photos & illus., ISBN 0-943763-41-X
- Gem Identification Made Easy, 3rd Ed.:**  
A Hands-On Guide to More Confident Buying & Selling **\$36.95**  
HC, 6 x 9, 372 pp, 150+ color & b/w photos & illus., ISBN 0-943763-34-7
- Jewelry & Gems at Auction:** The Definitive Guide to Buying & Selling at the Auction House & on Internet Auction Sites **\$19.95**  
PB, 6 x 9, 352 pp, 150+ color & b/w photos & illus., ISBN 0-943763-29-0
- Jewelry & Gems: The Buying Guide, 5th Ed.** **\$18.95**  
PB, 6 x 9, 320 pp, 200+ color & b/w photos & illus., ISBN 0-943763-31-2
- The Pearl Book, 3rd Ed.:** The Definitive Buying Guide **\$19.95**  
PB, 6 x 9, 232 pp, 250+ color & b/w photos & illus., ISBN 0-943763-35-5

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- Cameos Old & New, 3rd Ed.** **\$19.95**  
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- Gems & Jewelry Appraising, 2nd Ed.** **\$39.95**  
HC, 8½ x 11, 240 pp, 130+ color & b/w photos & illus., ISBN 0-943763-10-X
- Illustrated Guide to Jewelry Appraising, 3rd Ed.** **\$39.99**  
HC, 8½ x 11, 216 pp, 150+ color & b/w photos & illus., ISBN 0-943763-42-8

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- Spectroscope & Gemmology,** Edited by R. Keith Mitchell, F.G.A. **\$69.95**  
HC, 6 x 9, 288 pp, 75+ illustrations, ISBN 0-943763-18-5
- Treasure Hunter's Gem and Mineral Guide—Northeast, 2nd Ed.** **\$14.95**  
PB, 6 x 9, 208 pp, maps, illustrations, ISBN 0-943763-39-8
- Treasure Hunter's Gem and Mineral Guide—Northwest, 2nd Ed.** **\$14.95**  
PB, 6 x 9, 176 pp, maps, illustrations, ISBN 0-943763-37-1
- Treasure Hunter's Gem and Mineral Guide—Southeast, 2nd Ed.** **\$14.95**  
PB, 6 x 9, 192 pp, maps, illustrations, ISBN 0-943763-40-1
- Treasure Hunter's Gem and Mineral Guide—Southwest, 2nd Ed.** **\$14.95**  
PB, 6 x 9, 208 pp, maps, illustrations, ISBN 0-943763-38-X

# GEMSTONE PRESS

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- Pocket Instrument Sets p. 2  
Loupes p.2  
Calcite Dichroscopes p. 3  
Color Filters p. 3  
Gem Analyzer:  
(Darkfield Loupe, Polariscopes, and Immersion Cell) p. 4  
Refractometers p. 4  
Diffraction Grating Spectroscopes p. 5  
Diamond Testers p. 5  
Light Sources p. 6-7  
Accessories p. 7  
Books pp. 8, 11

Helping to Increase  
Understanding,  
Appreciation and  
Enjoyment of Jewelry,  
Gems and Gemology

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