

## **CLMG-7300 Chelsea Filter for Gem, Emerald, Identification tools**

CLMJ-7300 is an essential device in identifying colored stones. While it was originally intended to rapidly differentiate between genuine Emeralds and the pastes and doublets which resemble them, it also is a valuable aid in identifying other colored stones, as well. Designed to transmit only deep red and yellow-green light, and the best results are obtained when stones are examined under a strong electric light. Testing stones is very simple, just hold the filter close to the eye with the stone or stones (stones can be examined simultaneously) receiving as much light as possible. Under these conditions, Emeralds (absorbing in the yellow green) usually appear distinctly red or pinkish in colour, the actual tint varying from merely pinkish in the case of pale stones, to a rich almost ruby red for better coloured specimens. On the other hand, most imitations of the genuine stone (pastes, doublets, soude Emeralds) retain a green appearance. Chelsea is definitely a helpful tool in identifying certain red, blue and green stones.

In rare cases certain emeralds, most notably from South Africa, may not show any pinkish color at all. A synthetic emerald react the same as a genuine one. Rubies (both genuine and synthetic) appear brilliant red under the filter. Synthetic blue spinel appear yellow-orange or pink while aquamarine and sapphires appear green or green-grey. With a Chelsea filter, a dichroscope, a spectroscope, and a 10x loupe, a good gemologist should be able to positively identify over 85% of the gemstones out there.

With Chelsea filters you can differentiate the genuine emeralds from the fake once, as well as checking the authenticity of aquamarine and sapphires with comfort and ease.

### **Key Features :**

Offers a year of warranty

The most useful tools for a variety of gemstones

Equipped with a Glass Filter which gives better clarity

Reduces distortion and provides better protection from humidity

Heavy Duty and very reliable and transportable

Doesn't need to hold it closer to the stone, even items in showcases can be examined providing they are lit by strong lights