PhotoGraV **Overview**

PhotoGraV efficiently processes scanned photographs so that they can be engraved on a variety of common materials with confidence that the engraved photographs will be of superb **quality**.

Traditionally, the engraving of photographs has been difficult and has been a hit or miss endeavor resulting in many discarded products. *PhotoGraV* provides the following tools to make the process easier:

- Simulation of the engraving process for common materials so the "engraved product" can be inspected before it is actually engraved.
- Interactive ocess with adjustable enhancements and real-time visual feedback.
- Reports and color proofs for customer approval and reference.
- User Defined parameter sets can be saved for further customization.
- Calibrated to most laser engraving equipment and common materials.
- Coreldraw Color Clipart n be easily engraved by processing with *PhotoGraV.*
- Automated application of these tools to the subject photo.

PhotoGraV simulates more than 20 engraving materials including: cherry and walnut wood; clear and black-painted acrylic; black laser brass and anodized aluminum; a variety of generic leather materials; and many plastics with either a white or black core and with a variety of caps including brushed gold and most solid colors.

PhotoGraV's processing functions have been tuned and optimized for each of these materials and the appropriate optimized parameters are automatically loaded whenever a new material is selected.

PhotoGraV automatically compensates for the engraving peculiarities of each material in the process of creating the "engraver-ready" processed image. For example, photos to be engraved on clear acrylic are automatically mirror-imaged and produced at a "negative" polarity. Of course, you can override these automatic features at any time to produce special effects if so desired.

PhotoGraV is very easy to use:

(1) Scan image as greyscale
(2) Select the image in *PhotoGraV*
(3) Choose the material type you will be engraving,
(4) Select the Auto Processing button.

The next thing you see on your computer monitor is a simulation of what the image will look like when it is actually engraved on the material you have chosen.