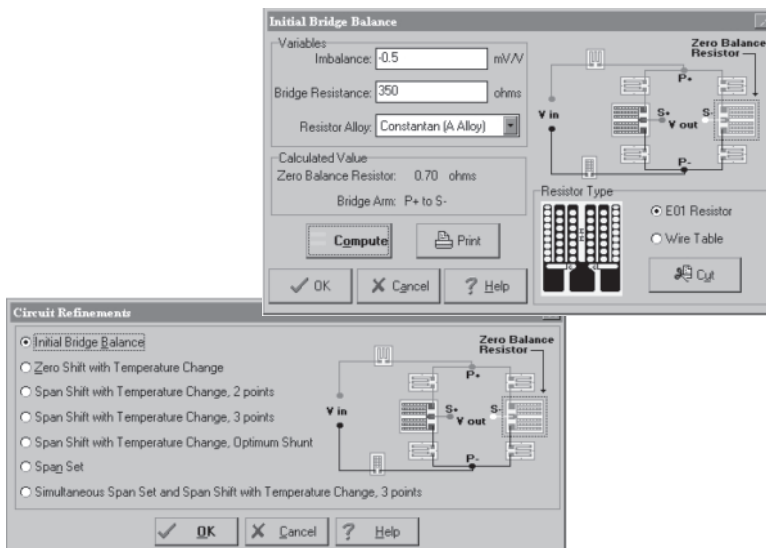




Transducer Application Software



TransCalc™ is a valuable resource for the transducer designer, providing:

- Design verification calculations of surface strain, strain variation, and bridge output for 15 common transducer shapes; user-selectable US Customary or SI units.
- Circuit refinement computations of zero balance, zero-shift-with-temperature change, span-shift-with-temperature change, and span set.
- Interactive graphical resistor-adjustment guidelines.
- Intuitive Windows™ user interface.
- Built-in wire tables for computing length or resistance of wire necessary for the transducer circuit.
- Calculation of bridge outputs for six different Wheatstone-bridge configurations.
- In-depth reference material for:
 - Spring element design considerations
 - Resistor selection guidelines
 - Materials properties
 - Bridge adjustment and compensation circuitry