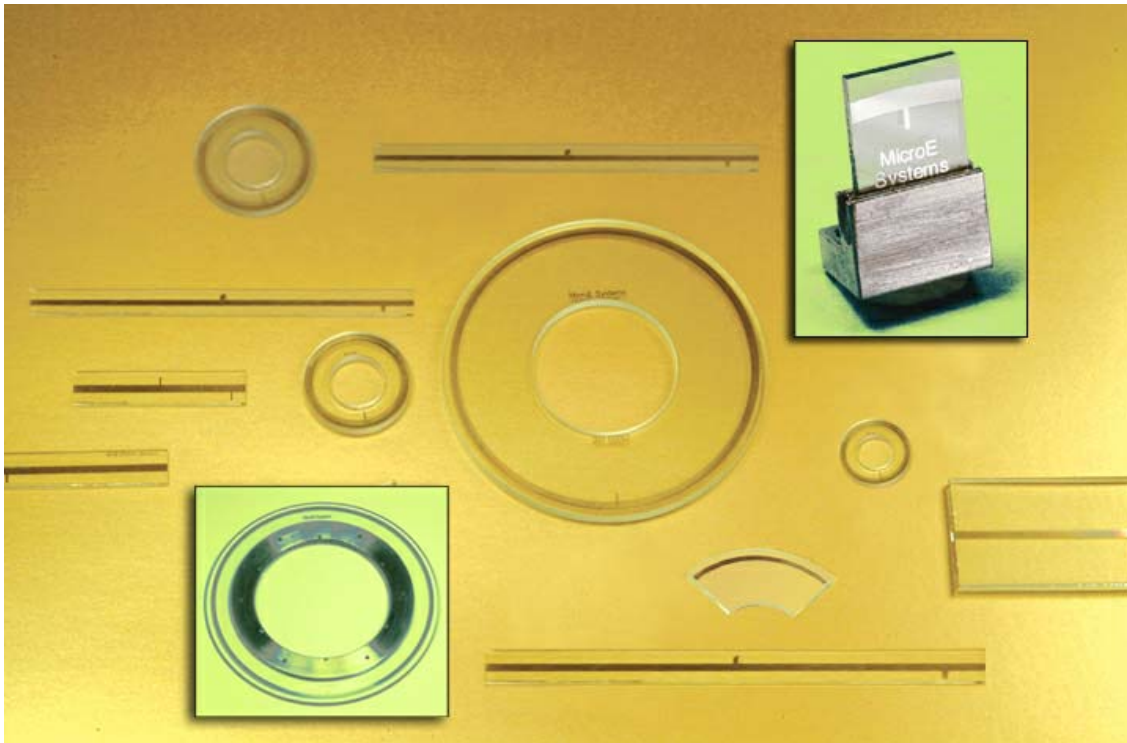


Custom Scales for Mercury Series Encoder Systems



Mercury™ encoders are available with a wide array of custom scale options. The level of flexibility this affords your design is virtually unlimited. And no other supplier will deliver your order faster than MicroE Systems.

MicroE Systems offers a wide array of chrome on glass scales for the highest accuracy and best thermal stability. Easy to install, standard linear and rotary scales meet most application requirements. Where standard sizes are not appropriate, customized linear, rotary, and rotary segment scales are also available in OEM quantities. All scales include an optical index with position specified by the customer.

In addition to custom configurations, Mercury's glass scales save set up time in many applications by eliminating motion system calibrations or linearity corrections required with other encoders, and these scales provide better thermal stability than metal tape scales.

Options include:

- Standard linear: 30mm - 2m
- Standard rotary: 12mm - 107.95mm diameter, with or without hubs
- Custom linear*: special lengths, widths, thickness, index mark locations and special low CTE materials
- Custom rotary*: special ID's, OD's (up to 304.8mm), index mark outside the main track and special low CTE materials
- Mounting of hubs for rotary scales: MicroE Systems can mount and align standard, custom, or customer-supplied hubs
- Rotary segments*: any angle range; wide range of radius values

*Custom scales or rotary segments are available in OEM quantities.
Contact your local MicroE Systems sales office.

All Specifications are subject to change. All data is accurate to the best of our knowledge. MicroE Systems is not responsible for errors.