

# AUTOMATIC WIRE MEASUREMENT

## Task

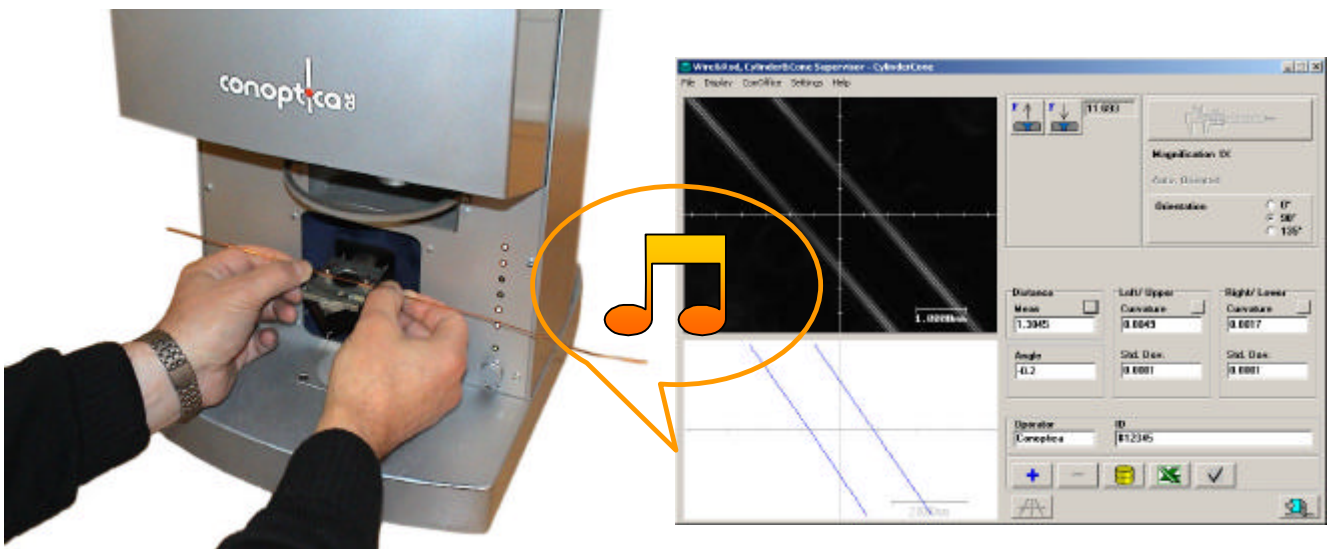
In wire production the dimension of the wire must be tested to ensure the quality of the finished product. Frequently the wire dimension is also used to indicate the drawing die dimensions. For this kind of testing it is desirable with a quick, accurate, and easy way to measure.

## Solution

With the cost efficient Cylinder & Cone Supervisor Conoptica has combined excellent accuracy with fast and simple operation. If a wire is held by hand in the measurement area it will be measured automatically. Audible feedback is given to indicate when new data are displayed. There is no need to push any buttons.

## Benefit

The Cylinder & Cone Supervisor displays a wire image, so it is easy to avoid measuring dirty wires. Minimal training is required to operate this instrument efficiently. Because this Supervisor is built on the foundation of mature Conoptica technology it is very easy to document results. They can be printed to paper, printed to label, exported to Excel, and exported to database. All of this happens automatically without any other user input. Drawing dies can be measured with the same instrument and the same calibration as the wire. Conoptica instruments are traceably calibrated to international standards. This ensures that products are kept within specifications.



## Step by Step

- Hold the wire steady against supports in the measurement area.
- After approx. one second an audible beep indicates when the measurement is ready.
- Remove the wire.
- Read results from the computer screen.
- If you want information about ovality, rotate the wire and insert it again.