



CSZ builds Wire Bend Tester

What was sold?

Many companies who manufacture wire, cable and even high pressure hydraulic hoses test their product in cold temperature conditions. The wire coatings and hoses are both physically and thermally stressed by sub-zero exposure and bending the material at various radiuses. There are many in-house test standards and prepublished standards such as UL-1581-580, ANSI/SC TE 09-2001, and ASTM-D- 4565 that require this type of test.

CSZ manufactures environmental chambers for this type of cold bend test. Each chamber is designed to meet the customer's size and temperature requirements. Temperatures range from -73°C to 190°C. Chambers feature power-driven mandrels that are typically mounted at the top and bottom of the chamber for the wire to wrap and bend around. Mandrel diameters are selected by the customer and supplied in a variety of sizes.



Chamber Features

- Full size access door
- Window & light
- Ports
- Programmable controller
- Automated power drive set with speed control
- Forward/reverse switch

