

Measuring appliance for plastic component

Measuring task

For checking of the running production, inside diameters in plastic components in the range \varnothing 55 - 100 mm have to be measured.

Solution

Plastic components are fed and positioned via a handling system.

The measurement is made by an integrated contour measuring instrument NOVOMETER where a high-grade steel tape is unrolled from a hasp and is put up against the inside diameter.

A shaft encoder is connected to the hasp, which gives the digital signals to a display unit. The measuring values can be transmitted via an interface RS 232, RS 485 or via an analog output.

The hasp is driven automatically by an electric motor.

For calibrating the measuring system, a setting ring can be fed automatically.

