

The AQUAFIL Engineering In-Line continuous viscometer usually is installed behind the finisher reactor in Polyester-or behind VK-tube in PA6-polymerization plants, measuring directly the viscosity of the polymer melt without further delay.

The signal of in-line continuous viscometer may be used for information only or can be used for process control (e.g. for vacuum (viscosity) control of the finisher).

Measuring method

Delta-P of temperature controlled orifice

Installation

- Installation in polymer line
- Comes with complete panel
- Delivery includes in-/outlet stop valve

Advantages

- **In-line process and quality control**, no waiting for laboratory result
- **Own control system** (comes with own panel for measuring and drive)
- **Data transfer** to DCS or other process sections
- **Independent heating system**, therefore no influence on viscosity measurement due to change of process parameters (temperature, flow, pressure)
- **No loss of polymer** due to back-flow to process
- **Can be installed/removed during operation** (after installation of AE-polymer pipe connection)

