Thöni
Casting Equipment

Cooling water control and connection unit (for die assembly)

The cooling water control and connection unit that supplies the die with cooling water and monitors the flow rate in the die (primary cooling) consists of:

- sectional steel frame
- main water line with regulating valve
- pressure gauge and thermometer
- feed and return lines for the individual cooling circuits, with drain side regulator
- water level and temperature gauge
- water collection and drain pipe for return line water
- cooling water hose kit with quick-release couplings

Stainless steel cooling water pipes

This unit is pre-assembled and only needs to be connected to the supply system. This greatly simplifies installation.

Units are available in the following versions:

- manual, analogue
- manual, analogue with various electrical read-outs for pressure, temperature and flow rate
- fully automatic with control circuits and transmitters to send all settings to the main controller

We generally recommend the use of a closed cooling water circuit with an operating pressure of 6 to 12 bar.
Cooling water control and connection unit with open cooling water circuit

Cooling water control and connection unit with closed cooling water circuit