

# Mould Maintenance - The Mouldflo Test-rig

Moulds must be maintained regularly to remove scale and rust and ensure maximum productivity



## Scale build-up

Mould cooling circuits are exposed to scale build up, which will reduce flow capacity dramatically and also act as an insulator causing moulding problems due to increasing temperatures.

Eventually the cooling channels will block and stop production.

## Flow, temperature and pressure test

With the Mouldflo Test-rig, the cooling channels can be analysed and tested.

The flow and pressure can be controlled exactly to simulate the production setup.

All details displayed on the screen:

- Flow
- Pressure Inlet
- Pressure Outlet

## Integrated Pump

The internal dynamic pump will give a calibrated flow and pressure, fully defined and controlled on the touch screen.

Dynamic testing of:

- Flow
- Back pressure/pump pressure
- Leaks

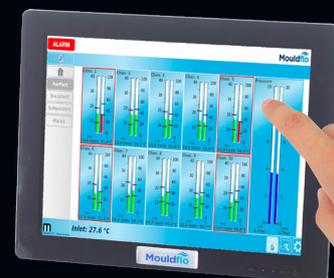


# Cooling Channel Optimization



For the first time Mouldflo offers mouldmakers a unique way to configure and benchmark cooling circuits within the mould

Mouldmakers must often supply new moulds to the customer complete with a report of operating parameters which should include data relating to the cooling circuits in the mould. Now mouldmakers can easily connect the Mouldflo Test-rig to the mould as part of the benchmarking process



For more information, please contact:

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# Mouldflo