

New solution

Order Code: **G170**

Güvenal **GTH**
Die & Mould Components
1976

TEST KIT FOR MOULD COOLING CHANNELS



Why test with compressed air?

G170 is used to detect water leakages that may occur during assembly and trials after new mould production / modification.

Test with compressed air; it is cleaner and faster than test methods with a water pump, etc.

Air has a higher fluidity of x15/20 than warm water (80°C). For this reason, the high fluidity of air shows even leaks that are sealed when tested with water.

Operating instructions:

- 1- Connect the pressure gauge to the inlet of the cooling circuit.
- 2- Connect the valve to the circuit outlet and close the valve.
- 3- Using the air gun to the unit with the pressure gauge, pump air until the arrow reaches the maximum level. For test pressure max. 4 bar of air is sufficient.
- 4- The test time can be between 90 - 180 seconds depending on the size of the injection mould volume. If the arrow is still in its initial position at the end of the test, there is no problem and the test is successful.
- 5- If the arrow has decreased, necessary corrections should be made.

Don't waste your time!

No more water leakage problems in the mould during production!

*It is sold as a kit in a plastic box.



Kit contents:

- ✓ Pressure gauge
- ✓ Relief valve
- ✓ Automatic fittings - 1/4" (2 pcs)
- ✓ Fittings - 1/4" (4 pcs)

Note: You can purchase fittings with different threads from our company.

Usage video:



Scan QR code



Click here!



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