

# Mold Check

## Tool Inspection Device

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Our Mold Check, the tool inspection device, is unique in the market, as we have combined leak testing and flow measurement into a single device.

Up to six water circuits can be connected to Mold Check in just one step. The intelligent user-guided test process is largely automatic and self-explanatory. Since Mold Check records and documents flow values, you can immediately compare target and actual values to determine whether all water circuits are functioning properly and are free from blockages.

This saves you time and costs – unexpected issues after tool installation won't bother you anymore. This makes Mold Check ideal for final testing in toolmaking and maintenance operations.



### Easy operation

Fast testing cycles, partially automated, leak testing before setup



### Ideal for tool optimization

By measuring flow rates, tool performance can be improved



### Industry 4.0 (OPC-UA)

Seamless integration of measurement data into process automation



### Cost savings in production

Partial automation and avoiding unnecessary setup costs reduce expenses. ROI: approx. 1–2 years



### Simple and standardized documentation

Test results are saved, printable, and transferable via Wi-Fi



# The 5 Test Cycles

- 1 Compressed air flushing
- 2 Water flushing
- 3 Water leak test
- 4 Water flow measurement
- 5 Blowing out the water circuits



## Easy Operation

With the user-friendly touch display, you can easily set up and perform the inspection of your tool in just a few minutes.

The control unit allows you to individually select and execute five test cycles in sequence: compressed air flushing, water flushing, leak testing, flow measurement, and tool drying. Before starting the test, simply enter the number of circuits, test pressure, and flushing pressure via the parameter input.

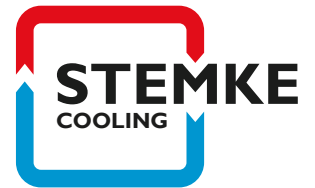
You can also select an automatic mode in which the leak test, flow measurement, and tool drying run fully automatically. The evaluation pages for leak testing and flow measurement allow you to review all recorded measurement values afterward, compare them with previous data, take screenshots, save them, or transfer them to a higher-level quality management (QM) system.

## Additional Advantages

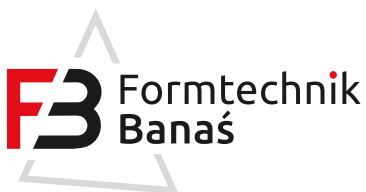
- ✓ Adjustable test and operating pressure from 0.5 to 15 bar (depending on flow volume)
- ✓ Central return flow sensor measuring 0.2 to 75 liters
- ✓ Internal data storage for up to 250 tools
- ✓ Easily accessible integrated water filters
- ✓ Usable water volume: 35 liters
- ✓ Dirt-resistant centrifugal pump and IP54 splash-proof control unit
- ✓ Compatible with multi-coupling systems
- ✓ Sensor-monitored fill level control
- ✓ Automatic filling possible
- ✓ External overflow tank included

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Are you interested? We would be happy to explain our STEMKE technology to you in person.



**Formtechnik Banaś AG**  
Dresdener Straße 115  
09326 Geringswalde

Telefon: +49 371 2838 3532  
E-Mail: [geraetebau@banas.ag](mailto:geraetebau@banas.ag)  
[www.banas.ag](http://www.banas.ag)