

# Monitoring Software SoftScope

## Brinkhaus GmbH Product Brochure

### Software Solution for Process Monitoring!

Most process monitoring systems are sold as hardware systems, which have to be installed in the control unit of the machine. Therefore it is necessary to provide space in the control unit and to install the cables.

If an up to date PC runs on the machine tool, you can do without the Hardware version of the monitoring system. The monitoring is done by our software "SoftScope", which runs directly on the PC of the machine tool. There are hardly any restrictions to the hardware version.

#### Software Solution for true value process monitoring.

Since Mai 2010 Brinkhaus GmbH offers the core of their monitoring system ToolScope as a pure software solution under the brand name SoftScope.

SoftScope can be installed on the control panel PC. No further electrical work is required.

The software can also be used apart from the machine tool world; i.e. to extend the use of any Windows- or Linux PC by functions for the production monitoring or condition monitoring.

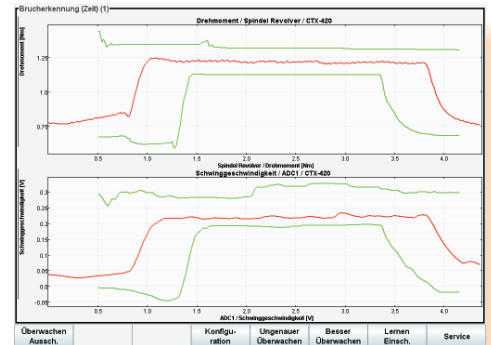
The program offers a large part of the ToolScope range of applications. Especially for slow and medium fast processes, where real time monitoring is not important, this software solution offers comparable results.

The functionality of this software exceeds most systems on the market.

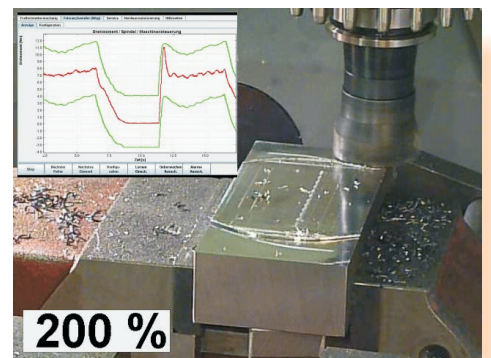
#### Main features:

- ✦ The system independently chooses the relevant axes for monitoring
- ✦ Self-learning monitoring of processes during serial production
- ✦ 6-Sigma-Monitoring
- ✦ Special strategies to start monitoring from the first cut onwards
- ✦ Interference resistance due to parallel analysing numerous signals
- ✦ Easy handling with only 3 soft keys
- ✦ Monitoring wear
- ✦ Position based monitoring
- ✦ Process documentation
- ✦ Comparison of signal sequences with tolerance bands and/or maximum values
- ✦ Connection of analogue sensors (vibration, lubrication flow, etc.) via NC-Port or as hatrail module with USB
- ✦ Runs on Windows- or Linux-PC

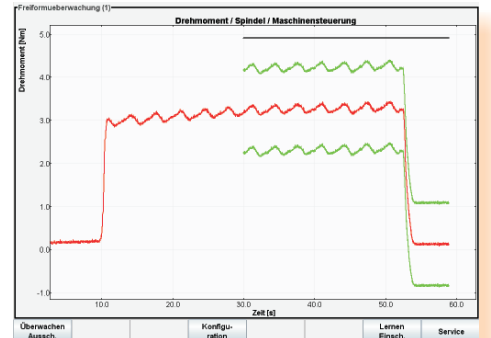
Reliable recognition of breakage due to parallel analysing various sensors. Without manually operator setting.



Save main time with feed force control



For small lots: learning automatically during 1. process



Reliable wear recognition for cost effective use of your tools

